



INSPIRED COMMUNICATION & SECURITY

2019-2020 EDITION

IP intercom

Digital and analog intercom

Telephone intercom systems

Security intercom

Emergency notification / PPMS

IP access control









Accessories

Services



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Security & communication for the DEMANDING environments



CASTEL produces communication and access control solutions to secure and manage your premises with total peace of mind.

CASTEL CULTIVATES THE DIFFERENCE WITH THE INNOVATION

Innovation, at the heart of our strategy

Since its creation, the original philosophy and the founding principles of CASTEL have not changed. Innovation has always been at the heart of our strategy.

CASTEL allocates important resources in the research and development of high-performance and high-quality technological solutions in order to create value and to provide you products more adapted to your needs.

A R&D and an internalized engineering department

CASTEL has today a team of multi-skilled

engineers in analog and digital electronics, PC Linux and Windows embedded software, mobility solutions, whose mission is to design intercom and access control solutions always more efficient.

CASTEL has also internalized an electronic and mechanical engineering department that industrializes on CAD and 3D the diagram of principles defined by the R&D.

A company open to its ecosystem

In order to provide more innovating and ambitious products, CASTEL does not hesitate to look outside for the expertise needed to carry out its projects.

With a strong partners network, CASTEL is always in contact with innovating companies and experts, academic structures, start-up and industrial companies.

Armed with this industrial experience, CASTEL uses its expertise on your projects.

Nearly
50 YEARS'
EXPERIENCE
in the voice and
security business

MADE IN FRANCE

A strategic choice

CASTEL designs, develops and controls the manufacture of its products at its Neuillé (France) production site. This unique approach enables us to bring you truly professional solutions, tailored to the demands of your business. Indeed, this strategic choice is mainly motivated by the wish to focus on the high quality and reliability of its products, and also to show the best reactivity and flexibility in order to answer your needs.

Qualified men and women

As a people-oriented company, CASTEL places the expertise of the men and women that make up its workforce as one of the key elements of its success. In areas as diverse as marketing, technical assistance, sales administration, production and research, the ability, experience and versatility of our teams guarantee optimum results in the honouring of our commitments.

Tailor made

As manufacturer, CASTEL has the unique ability in professional intercom, to study each of your specific development requests. After analysis, standard products are tailored to fit these requests.





Our quality / environment policy

Customer satisfaction in a PRESERVED environment



A QUALITY PRODUCTION TOOL

Cutting edge technology in the production department

Our production tool integrates the most advanced technologies, particularly in computer-assisted production management, setting up surface-mounted devices and product testing. Each board is tested before leaving the factory and all components arriving at your site have been inspected for reliability. The quality system is ISO 9001 certified.

A major, high performance production site

In order to satisfy your requirements and guarantee better service, CASTEL has a production site of 1.5 hectare. Located in Neuillé (France), it comprises a production unit, a raw materials warehouse, a finished product warehouse and a service testing and after-sales service warehouse.

A STRUCTURED ORGANISATION

A major commercial and technical presence

Through its domestic branches and a worldwide distribution network, CASTEL markets,

implements and sets up its installations in France and abroad. CASTEL offers bases for a Marketing and Technical Assistance Force that is close at hand and listens to you.

A powerful group

CASTEL joined URMET group in 2010, benefiting from its international influence, and from synergies, including development and innovation, allowing us to bring you ever more efficient, competitive and innovative solutions. URMET group management philosophy, which provides an operating autonomy to its subsidiaries, allows CASTEL to keep its flexibility and reactivity, to be always closer to your needs and ensure your satisfaction.

REACTIVE AND RESOURCEFUL, CASTEL IS SERVICE ORIENTED

Aside from its industrial calling, CASTEL implements services to help your progress: specific products development, technical support, assistance with implementation, training, after-sales service, remote support, etc. This offer of continual global improvement is what enables us to move forward together.

Since its creation in 1995, CASTEL has always had the determination to offer high-quality products corresponding to its customers' needs, while remaining at the cutting edge of innovation. That is why **CASTEL naturally integrated the Quality management into the company's policy and organization.**

CASTEL has confirmed this commitment **by certifying its Quality system** through the **ISO 9001**.

ISO (International Standards Organisation) 9001 is a worldwide recognised standard that guarantees **the highest quality products and services** through the application of established and verifiable procedures.

This certification recognises **the Quality Management System (QMS)** successfully deployed, applying to all of our activities (design, manufacture and sales of solutions for buildings communication and security).

Through this certification, CASTEL demonstrates its ability to provide products and services that meet customer requirements such as statutory

requirements, and **thus places the customer at the focus for company teams.**

Naturally, the improvement process does not end with the ISO 9001 certification, but will continue to ensure over time, **customer satisfaction and operational excellence.**



Nature and environment conservation is a priority and that is why CASTEL has developed a program dedicated to **reduce the environmental impact of its manufacturing activities**, while increasing the performances of its products.

This program focuses on three points: **the Eco-Design of products** integrating recyclable and recycled components as well as low-power modules; the selection of partners respecting the ISO 14001 Standards; **the awareness and training of the staff** to the environmental cause.

Our Values

Since its creation, the CASTEL company has subscribed to an ambitious approach of continual development, respect for people and social awareness hinging on 4 strong business values that create wealth for our contributors and customers.

» EXPERTISE AND QUALITY

Over its 40 years' experience, CASTEL has acquired a recognised level of expertise in the field of professional intercommunication and access control systems.

The quality of our designs, materials and manufacturing is one of the standards that enables us to guarantee the reliability and durability of the solutions offered.

» RESPECT AND A SENSE OF TEAMWORK

In order to remain competitive in the long term, we must be open to change, to others and to technological change. We therefore rely on co-operation, respect and teamwork with our various partners, employees, suppliers, sub-contractors and customers.

» CREATIVITY AND THE CULTURE OF PROGRESS

More than a tradition, innovation is a second nature at CASTEL. The company is able to congratulate itself on having frequently been a pioneer in its fields of expertise, due to its efforts in Research and Development, its desire to undertake projects and the creativity of its contributors.

Continued research into the most innovative and high performing organisational, technical and human solutions enables us to create the security and communication solutions of tomorrow.

» RESPECT OF ENVIRONMENT

As an eco-responsible manufacturer, CASTEL wants to offer always more efficient products that are also environmentally friendly at all stages of their life, from their design until their destruction.

CASTEL is a member of RECYLUM. This commitment allows our customers to upgrade for free our used products in their possession at all RECYLUM collection sites.

The interaction between knowledge, experience, innovation and human business values, allied with professionalism and the expertise of our employees enables us to guarantee one of our fundamentals:

client satisfaction.



LAW OBLIGATION (French law)

CAR PARK

» Where an access control system or a car park exit exists, the system enables deaf, hearing or speech impaired people to report their presence to the staff and to be informed that their call is taken into account. Individually and with a non-direct view by the staff of those accesses or exits:

- any signal related to the access system operation must be audible and visual;
- intercoms are equipped with a system that allows staff to see the driver.

» During installation and renewal, the intercoms include:

- a magnetic induction current loop complying with described provisions in annex 9 (see Order from December 8 2014). The specifications of NF EN 60118-4:2007 are deemed to comply with those requirements.
- visual feedback of main orally provided information.

ACCESS TO BUILDING OR INSTALLATION

» Communication systems between public and staff as well as manually operated systems available to the public shall meet the following requirements:

- be located more than 0,40 m of the angles of walls or of any other obstacle to a wheelchair approach;
- be at a height between 0,90 m and 1,30 m.

» Door opening system is available in «upright» or «seated» position.

» In case of an electric locking device, it must allow disabled people to reach the door and start the opening operation until the door relocks. Door unlock button shall be marked with visual and tactile warnings.

» Any signal related to the access system operation must be audible and visual.

» Where an access control system exists, the system enables deaf, hearing or speech impaired people to report their presence to the staff and to be informed that their call is taken into account. Individually and with a non-direct view by the staff of those accesses intercoms are equipped with a system that allows staff to see the visitor.

» During installation and renewal, the intercoms include:

- a magnetic induction current loop complying with described provisions in annex 9 (see Order from December 8 2014). The specifications of NF EN 60118-4:2007 are deemed to comply with those requirements;
- visual feedback of main orally provided information.

LIFTS

» A new emergency system must be equipped with visual and audible signs and an existing emergency system undergoing amendments includes:

- a yellow pictogram in addition to an audio signal that transmits a demand, to indicate that the emergency request was issued.
- a green pictogram in addition to an audio signal usually requested (voice communication) to indicate that the emergency was registered.
- communication assistance for hearing impaired people such as a magnetic induction current loop.

» In all cases, audible signals and spoken messages are adjustable between 35 and 65 dB.

Regulations (French law):

Ordonnance n° 2014-1090 dated September 26th 2014,
Decrees n° 2014-1327 and n° 2014-1326 dated November 5th 2014,
Orders dated December 8th 2014 and December 15th 2014,
Law n° 2014-789 dated July 10th 2014.



Disabled people accessibility regulations (DDA)

CASTEL developed solutions allowing to comply with disabled people accessibility regulations in “establishments servicing the public”, which must be able to welcome, inform and ensure the safety of people with disabilities.

» Castel answer



Find in this catalog all CASTEL “disability regulations” (DDA) compliant intercom stations.

Ranges convergence an answer for every need



With nearly 50 years' experience, CASTEL has built up a solid reputation as an industry leader in intercom and access control systems for the tertiary and industrial sectors.

› SPECIFIC SOLUTIONS FOR EACH MARKET

With our wide range of products with various distinct features, we are able to provide solutions to customers from a wide array of sectors.

› SOLUTIONS FOR THE TERTIARY SECTOR

CASTEL develops communication and access control systems to secure access to buildings belonging to small, medium-sized or large organisations such as medical institutions, car parks, transport facilities, prisons, military bases, buildings open to the public (banks, hotels, offices), industrial sites, schools, etc.

Our markets

SMALL BUSINESSES

MEDIUM-SIZED BUSINESSES

LARGE BUSINESSES

Our commercial segmentation

DIFFUSE

PROJECTS

Product solutions

CASTEL SOLUTIONS

Applications

OFFICES	SCHOOLS EDUCATION	RETIREMENT HOMES HOSPITALS	INDUSTRIAL SITES	SECURITY DEFENCE
RETAIL HOTELS	PUBLIC AUTHORITIES AND BUILDINGS	FINANCIAL INSTITUTIONS	TRANSPORT CAR PARKS	PRISONS





Tertiary buildings, public authorities

Whether for high rise buildings, public buildings, administrative or community offices, commercial centres or office buildings, CASTEL offers optimum solutions in reception, property and personal security, as well as fast and reliable communication.

- › Intercom systems for security, centralised fire alarms and emergency calls
- › Visitor reception intercom systems
- › Refuge areas intercom (secured waiting room)
- › Access control management for personnel, car parks and restricted areas, etc. (different companies can use the system thanks to access profiles)
- › Supervision for communication, alarm and intrusion detection systems
- › Time programming (lighting, door unlocking, intrusion, etc.)
- › Remote control door and barrier opening
- › Multiple function stations (internal, external, refuge call points, car park access bollards, counter intercom systems, etc.)
- › Planning and room booking
- › Communication and access control for remote buildings (multi-site complexes)
- › Disability regulations (DDA) compliant stations



REFERENCES

The Eiffel Tower, CNIT, Musée d'Orsay, Montparnasse Tower, Eric Tabarly Sailing City, Angers Theatre, Rochefort CCI, GAN Tower, the Pays de la Loire regional headquarters (Hôtel de région), Bouches du Rhône Municipal Archives, the Villette Great Hall, the Béziers Multimedia Library, the Strasbourg Zénith, The Great Library of France, Strasbourg Urban Community, Terrasses du Port in Marseille, Aéroville shopping centre, the Allianz Riviera stadium in Nice, Saint-Quentin-en-Yvelines velodrome, NEO GEO shopping centre in Moscow, Houses of Parliament in London, and many others references through our worldwide network of distributors.



The medical sector

In hospitals, retirement homes or laboratories, clear, reliable and fast communication systems as well as systems for staff, patient and visitor security are of prime importance. Our solutions, and particularly those for isolation and sterile areas specifically tailored to clean rooms, respond perfectly to these demands.

- › Security intercom systems in different rooms, corridors, lifts, car parks (fire alarms, emergency calls)
- › Visitor reception intercom systems, night reception (emergencies, dispensaries)
- › Counter intercom systems (admissions, etc.)
- › Access control management for personnel, car parks and restricted areas
- › Hypervision (CCTV, intrusion detection, industrial automation...)
- › Complete inter-department intercommunication systems (admissions, operating theatres, laboratories, emergency, etc.)
- › Listening intercom systems in specialized reception centres
- › Fast, easy to use communication systems (hands-free, programmable redial button, conference calling, etc.)
- › Advanced solutions that can easily be integrated into existing equipment (information and emergency terminals, etc.)
- › IP technology for voice and image transmission, access control and supervision management in local or remote sites which can be centralised in multi-site complexes
- › Water proof and easy clean surface stations tailored for clean rooms (operating theatres, etc.)



REFERENCES

Grenoble Hospital Centre, Pitié Salpêtrière Hospital, Nantes Hospital Centre, Bayard Clinic in Villeurbanne, Pontarlier Hospital Centre, Cadillac Hospital Centre, the Timone Hospital, Saint Vincent de Paul Clinic in Bourgoin, Pitié-Salpêtrière Hospital in Paris, Rochefort Hospital, Vannes Hospital, Nantes Therapeutic Research Institute, Cayenne Hospital, Nantes Blood Transfusion Centre, Montbrison Hospital, EHPAD retirement home in Sillingy, Lyon Civil Hospitals, Inserm, Birmingham Hospital, Koutio Healthcare Centre, and many others references through our worldwide network of distributors.

EXAMPLE



- 1 - MAIN ENTRANCE
XE VIDEO 1B
Control access to the main entrance
- 2 - RECEPTION
XE MONITOR
Receive calls made from the door entry station
- 3 - EMPLOYEES ENTRANCE
LP32/C AV
Control employees access
- 4 - FLOOR 1
PACK PC EAS 2 (call station)
Make calls from the refuge area - floor 1
- 5 - FLOOR 2
PACK PC EAS 2 (call station)
Make calls from the refuge area - floor 2

- 6 - SECURITY DESK
PACK PC EAS 2 (master station)
Receive calls made from the refuge areas stations
- 7 - TECHNICAL ROOM
VDUC EVO - VD 4LECT
Manage access control readers
- 8 - OFFICES
CASTEL ACCESS
Manage access rights and profiles
PLANITECH CONNECT
Manage sports and cultural facilities planning and booking

EXAMPLE



- 1 - MAIN ENTRANCE
XE VIDEO 1B
Control access to the main entrance
- 2 - RECEPTION
XE DESK-SCREEN V-P
Receive calls made from the door entry station
- 3 - EMERGENCY
XE VIDEO 1B MI/C (intercom with reader)
Control access to the emergency entrance
- 4 - OFFICES
H100 HANDLE
Control access to offices

- 5 - TECHNICAL ROOM
VDUC EVO - VD 4LECT
Manage access control readers
- 6 - DELIVERIES
LP32/C AV
Control access to the delivery entrance
- 7 - SURGERY ROOMS
XEMED
Inter-department intercommunication (surgery rooms, etc.)
- 8 - SECURITY DESK
CASTEL VISION
Hypervision: CCTV, intrusion detection, etc.



Transportation

In order to guarantee maximum security and fast, clear assistance to customers and users of public transport, motorways, ports and airports, CASTEL 's range of solutions provides a tailor-made response adapted to different applications.

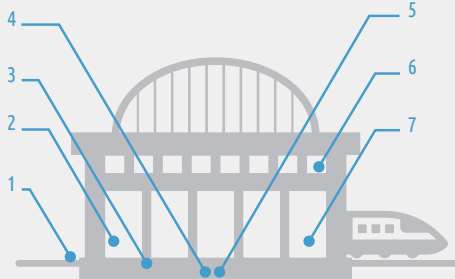
- › Information, assistance and emergency intercom systems
- › Easy integration into different equipment: assistance terminals on bus, tram and underground platforms, in stations, airports, pedestrian zones - fold-away terminals for vehicle access, motorway toll terminals, emergency call terminals in tunnels, terminals for booking taxis, etc.)
- › Supervision and access control of ancillary areas welcoming public transport users, access to autonomous ports, access to locks on waterways, etc.
- › Information distribution (conference calls, general calls, etc.)
- › High quality audio enabling perfect comprehension whatever the surrounding noise
- › Long range audio, video and data management via IP
- › Intercommunication and centralised communication available to and from remote management centres
- › Fast, easy to use communication systems (hands free, programmable redial buttons, conference calls, etc.)
- › Robust stations tailored to various requirements (waterproof, vandal proof, DDA compliant, etc.)



REFERENCES

VNF (French Waterways), CNR (Rhone National Company), MGF (French Boarded Warehouses), Marignane Airport, Lesquin Airport, Air France Orly, SNCF Gare d'Austerlitz, Cofiroute, Le Havre Seaport, Marseille Haulage Depot, Post Office logistics platforms, La Rochelle fishing port, Angers Tramway Maintenance Centre, Dublin motorway tunnel, fold-away terminals in pedestrian zones (Saint Etienne, Ajaccio, Nîmes, etc.), Fès Airport, Brest, Le Havre, Casablanca Tramways, Algiers Metro, and many others references through our worldwide network of distributors.

EXAMPLE



- 1 - PLATFORM HELP POINT
XE P-2B-HELP
Manage platform assistance calls
- 2 - CUSTOMER SUPPORT
XE DESK-SCREEN V-P
Receive calls made from the platform
- 3 - TUNNELS
XE P-1B-HELP
Manage tunnels emergency calls
- 4 - PARK-AND-RIDE
XE K VIDEO 1B (kit)
Manage car park calls
- 5 - BICYCLE PARKING
XE VIDEO 1B BLE (intercom with reader)
Manage access control (Bluetooth technology)

- 6 - SECURITY DESK
XE PLATINE SCREEN
Receive calls made from intercom stations and kits
- CASTEL SUPERVISOR**
Supervision of communications, alarms and accesses, etc.
- CASTEL ACCESS**
Manage access rights and profiles
- 7 - TECHNICAL ROOM
VDUC EVO - VD 4LECT
Manage access control readers



Prisons, justice

CASTEL has a long experience and many major references from the prison system, enabling the company to offer high performance solutions for secure prison management and staff, prisoner and visitor flow.

- › Security intercom systems (intercommunication between different units control stations and central control room)
- › Centralised communication from remote control stations
- › Cell intercom systems (vandal proof stations, lighting control, luminous call marking, noise detection calls, caller identification, etc.)
- › Access and contact intercom systems (building, corridor, airlock access, etc.)
- › Visiting room intercom systems (with listening and recording options)
- › Counter intercom systems (packet/document window, etc.)
- › Supervision of communication, access and alarm systems, video feedback
- › Audio, video and access control management (code, badge or biometric) via IP
- › Stations specifically adapted to the prison environment, benefiting from optimal acoustic quality and robustness
- › Bus, star network connection and via IP
- › Solutions that meet standards of interoperability and which fit perfectly into centralised management solutions

REFERENCES

Prison Centres (Le Havre, Mont-de-Marsan, Toulon-La Farlède, Orléans, Leuze-Belgium, Lonay-Switzerland, Batumi-Georgia, etc.), Prisons (Douai, Montauban, Clermont Ferrand, etc), State Prisons (Saint-Maur, Vendin le Vieil, etc.), Youth Prisons (Marseille, Valenciennes, Lyon, etc.), Partial release wings (Aix- Luynes, Lille, Toulouse, etc.), La Gauthrèche Closed Education Centre, Detention centres (Guyane, Lesquin, Rennes, etc.), Law Courts (Paris, Bayonne, Rennes, etc.), Cour d'appel in Fort-de-France, Lancashire Police Head Quarters, and many others references through our worldwide network of distributors.

EXAMPLE



- 1 - MAIN ENTRANCE
XE VIDEO 1B
Control access to the main entrance
- 2 - CELLS
XE P-1B-CELL
Manage cells calls
- 3 - CORRIDOR GRIDS
XE P-1B-LIAISON
Manage corridors calls
- 4 - VISITING ROOMS
XE P 1B-P V2
Manage prisoner-visitor communications
- 5 - ADMINISTRATION
LP32/C AV
Control access to offices

- 6 - SECTION CONTROL POST
XE PLATINE GRAPH
Receive calls made from cells and corridors intercom stations
- 7 - CENTRAL CONTROL POST
CASTEL SUPERVISOR
Supervision of communications, alarms and accesses, etc.
- XE PLATINE**
Receive calls made from cells and corridors intercom stations
- XELLIP SERVEUR MAX**
Communications recording
- 8 - TECHNICAL ROOM
VDUC EVO - VD 4LECT
Manage access control readers

The banking sector

CASTEL's high performance professional intercom and access control systems respond to the specific needs of the banking industry, offering maximum security for property and personnel, as well as fast and secure independent and remote communication systems.

- › Reception intercom and security systems for a variety of access requirements (branches, head offices, etc.)
- › Remote control door and barrier opening
- › Integrated video solutions (reassurance, aided assistance)
- › Access control management for personnel, car parks, restricted areas, etc.
- › Supervision of communication, alarm and intruder detection systems
- › Time programming (lighting, door unlocking, intrusion, etc.)
- › Counter intercom systems, double-entrance security door intercom systems
- › Emergency call «anti hold-up» intercom
- › Help and emergency intercom systems on cash machines
- › Intercommunication, hands-free communication, conferencing, general calls, call transferring, etc.
- › IP network connection for long range audio, video and data flow
- › Multi-site management by a single system
- › Secured communication protocol
- › Disability regulations (DDA) compliant stations



REFERENCES

National Bank of France, Crédit Lyonnais in Lyon, Groupama in Paris Val de Loire area, Inter Mutuelles Assistance, the Post Office in Paris, the French Stock Exchange in Paris, Deposit and Consignment Office (Paris, Bordeaux, etc.), Caisse d'Epargne Group in Paris, Qatar National Bank in Paris, Crédit Agricole (La Roche-sur-Yon, Nice), Macif in Tours, Fortis in Monaco, the French financial authority (Autorité des Marchés Financiers) Paris, Société Générale in Abidjan, WebMoney Moscow, the African Development Bank, and many others references through our worldwide network of distributors.

EXAMPLE



1 - MAIN ENTRANCE

XE VIDEO 1B

Manage customers calls

2 - RECEPTION

XE MONITOR CCTV

Receive calls made from the door entry station and external IP cameras display

3 - OFFICES

H100 HANDLE

Control access to offices

4 - COUNTER

XE ALARME

Discrete «anti hold-up» emergency call

5 - CASH MACHINE

XE K VIDEO 1B (kit)

Manage assistance calls

6 - REMOTE SECURITY DESK

CASTEL SUPERVISOR

Supervision of communications, alarms and accesses, etc.

XE DESK-GRAPH-P

Receive emergency calls

Car parks

Our powerful, professional intercom solutions enable secure communication, giving your customers a quality of service that promotes loyalty and satisfaction with a feeling of constant support, as well as facilitating communication between those in charge and parking attendants.

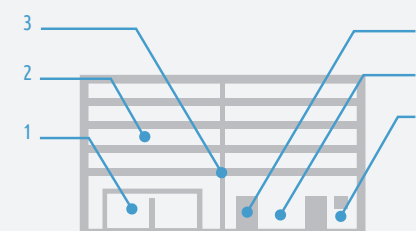
- › Advanced and easily integrated solutions for all car park equipment (entrance/exit terminals, intermediate terminals, pedestrian readers, automatic payment machines, lifts, etc.)
- › IP network connection for long range audio, video and data flow
- › Stations benefiting from high acoustic quality and optimal robustness
- › Complete intercommunication systems in multi-site complexes: fast, efficient communication between several local or remote points
- › Efficient teamwork thanks to centralised communication via IP at remote management centres
- › Security intercom systems (fire alarms, emergency calls), supervision and access control management
- › SIP type solutions complying with communication interoperability standards and which can be integrated perfectly in centralized management solutions
- › Disability regulations (DDA) compliant stations



REFERENCES

Vinci Park, Paris SAEMES Car Parks, the Crieé Marseille Car Park, Colombiers Rennes Car Park, the Etoile Strasbourg Car Park, Gare Montparnasse Car Parks, Plaza Lille Car Park, Saint-Emilion Paris Bercy Car Park, Cavalaire-sur-Mer Car Park, Reims Car Parks, Saint Louis Versailles Car Park, Sanary-sur-Mer Car Parks, Bibliothèque de France Car Park, Saint Exupéry Lyon Airport Car Park, Capitole Toulouse Car Park, Lausanne Car Parks, Perugia Airport Car Park, and many others references through our worldwide network of distributors.

EXAMPLE



1 - ENTRANCE / EXIT TERMINALS

XE VIDEO 1B MI/C

(intercom with reader)
Control access to the car park

2 - CALL POINTS

XE P-1B-HELP

Manage emergency calls

3 - LIFTS

XE K-ASC-P (kit)

Manage lifts calls

4 - PAY-ON-FOOT MACHINES

XE K VIDEO 1B (kit)

Manage assistance calls

5 - TECHNICAL ROOM

VDUC EVO - VD 4LECT

Manage access control readers

6 - SECURITY DESK

XE PLATINE SCREEN

Receive calls made from intercom stations and kits

CASTEL SUPERVISOR

Supervision of communications, alarms and accesses, etc.



Defence, security

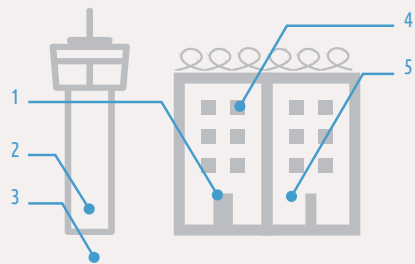
Whether for a military site, fire or police station, CASTEL solutions enable maximum security for people, property, access and installations, which is of paramount importance in these kinds of establishment.

- › Visitor reception intercom systems
- › Site security (access control, intrusion, hypervision)
- › Emergency intercom systems
- › Supervision and centralised management of alarm (fire, intrusion), access and communication systems
- › Restriction management (sending emails, SMS messages)
- › Access control management (personnel, car parks, restricted areas, etc.) ANSSI compliant
- › Time programming (lighting, door unlocking, intrusion, etc.)
- › Intercommunication and distribution of information (conference calls, general calls, etc.)
- › Stations tailored to different applications (vandal proof, internal, external, waterproof, counter intercom systems, etc.)
- › IP network connection for long range audio, video and data flow
- › Secured communication protocol

REFERENCES

CODIS Metz, SDIS (Maine et Loire, Pyrénées Atlantiques, Moselle, etc.), Air bases (Cognac, Tours, Evreux, Saintes, Rochefort, etc.), Military bases (La Rochelle, etc.), Brest Arsenal, Saint Nicolas Pyrotechnics, DCNS (Lorient, etc.), Cercottes training camp, Villeurbanne Police Station, Nîmes Municipal Police Station, DIRISI Papeete, Favière Transmissions Centre, CNSD (Defence National Sports Centre), DGA (the Armaments Procurement Agency), and many others references through our worldwide network of distributors.

EXAMPLE



- 1 - MAIN ENTRANCE**
XE VIDEO 1B DES
Control access to the main entrance
- 2 - GUARD POST**
XE PLATINE SCREEN
Receive calls made from the door entry station
- 3 - EMPLOYEES ENTRANCE**
LP26 TR
Control employees access

- 4 - TECHNICAL ROOM**
VDUC EVO - VD 4LECT
Manage access control readers
DECODEUR RS485 TR
Access control - transparent mode: ANSSI Architecture 1
- 5 - SECURITY DESK**
CASTEL VISION
Hypervision: CCTV, intrusion detection, etc.
CASTEL ACCESS
Manage access rights and profiles



Industrial sites

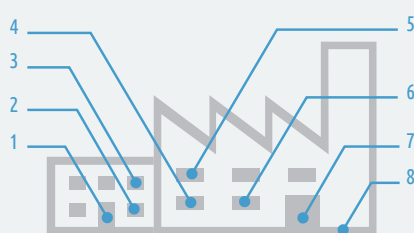
CASTEL offers communication and security solutions of high acoustic quality and optimal robustness. Tailored to the needs of the industrial sector, the wide range of equipment offered by CASTEL enables the demands of the most difficult environments to be met (humidity, forecasting, rises in temperature, ambient noise, etc.).

- › Visitor reception intercom systems
- › Remote control door and barrier opening
- › Access control management for personnel, car parks, deliveries, etc.
- › Inter-departmental intercommunication (production, logistics, administration, etc.)
- › Information distribution (conference calls, general calls, etc.)
- › Security intercom systems (fire alarms, emergency calls)
- › Supervision of communications, technical alarms, intrusion detection and restriction management (sending emails, SMS)
- › IP network connection for long range audio, video and data flow
- › High quality and efficient communications (ambient noise reduction, handsfree)
- › Stations tailored to difficult environments (vandal proof, internal, external, waterproof, etc.)

REFERENCES

Thales in Toulouse, Bosch in Angers, the Servier Laboratories in Gidy, Gates in Nevers, Nouvelle République in Tours, EDF in Mulhouse, SITA in Brueil-en-Vexin, INRA in Tours, Canson, Belfort Technology Park, the French Atomic Energy Site in Cadarache, the Hague Nuclear Site, Hersant Group Printing Works, Bouygues Challenger Head Office, Valéo, Nuclear Power Plant (Cruas, Blois, Golfech, etc.), Siro Cookies factory in Spain, Schaal chocolatier, Industrielab, Labeyrie, Lustucru, Arla Foods factory in UK, Evian waters plants, and many others references through our worldwide network of distributors.

EXAMPLE



- 1 - VISITORS ENTRANCE**
XE PAD VIDEO
Control access to the main entrance
- 2 - RECEPTION**
XE DESK-SCREEN V-P
Receive calls made from the door entry station
- 3 - HUMAN RESOURCES**
CASTEL ACCESS
Manage access rights and profiles
- 4 - TECHNICAL ROOM**
VDUC EVO - VD 4LECT
Manage access control readers
- 5 - SECURITY DESK**
XE PLATINE SCREEN
Receive calls made from the deliveries

- CASTEL VISION**
Hypervision: CCTV, intrusion detection, etc.
- 6 - PRODUCTION**
MPE ENV. BRUYANT
Ensuring intercommunication in a noisy environment
- 7 - DELIVERIES**
XE P 1B-P V2
Control access to the deliveries
- 8 - EMPLOYEES CAR PARK**
XE VIDEO 1B MI/C (intercom with reader)
Control access to the car park



Education, youth

Our large range of professional intercom systems, access control or emergency notification solutions enable establishments to be more secure (schools, university campuses, nurseries, etc.) and offer a reassuring environment to children, pupils, teaching staff and visitors.

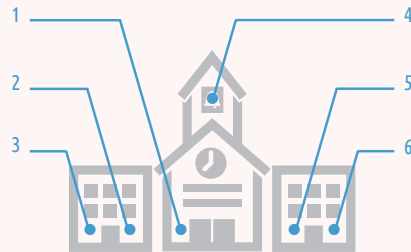
- › Reception intercom systems
- › Emergency notification (PPMS)
- › Video integrated solutions (reassurance, aided assistance)
- › Access control management for pupils, teachers, personnel, car parks, classrooms, computer, boarding-school and campus areas, etc.
- › Supervision and centralised management of alarm (fire, intrusion), access and communication systems
- › Advanced and easily integrated solutions in information or emergency call terminals
- › Increased boundary access security
- › IP technology for voice, video and access control management of remote buildings (multi-site complexes)
- › Listening intercom systems in crèches (noise detection)
- › Disability regulations (DDA) compliant stations



REFERENCES

Montélimar Music Conservatory, Ivry Technical College, Chatenay-Malabry Faculty of Pharmacy, IUT Saint Etienne, European Science Foundation Strasbourg, University of Jussieu, National College of Chemistry Physics and Biology Paris, Children's Home (Belle-Ile-en-Mer, Montreuil-Juigné), Léonard de Vinci Mayenne, Marly-le-Roi Secondary Schools, Crèches (Anglet, Château-Gontier, Segré, etc.), Adult Education Centre in Caudry, University of Nantes, University of South Brittany (Université de Bretagne-Sud), Auvergne University, and many others references through our worldwide network of distributors.

EXAMPLE



- 1 - ENTRANCE / GATE**
PACK EASY (door entry station)
Control access to the main entrance
- 2 - HEADTEACHER**
PACK EASY (monitor)
Receive calls made from the door entry station
- 3 - IT ROOM**
LP32/C
Control access to particular rooms
- 4 - PLAYGROUND**
PPMS VOICE EXT
Broadcast voice messages during an emergency (intrusion or attack, flood, etc.)

- 5 - CORRIDOR**
PPMS DM
Manually activate the emergency broadcast system
- 6 - TECHNICAL ROOM**
PPMS BOX
Notify and broadcast alert or mobilisation messages
- IPEVIA 2L**
Manage access control readers



The hotel industry, tourism

The various network communications and solutions implemented by CASTEL are guaranteed to be easy to use and reliable for communication and premises security, and offer your clients a quality of service that is essential in the tourist industry.

- › Visitor welcome intercom systems (day/night)
- › Security intercom systems (fire alarms, emergency calls), supervision and access control management (personnel, car parks, deliveries, etc.)
- › Remote control door and barrier opening
- › Time programming (lighting, unlocking, intrusion, etc.)
- › IP network connection for long range audio, video and data flow and centralized communication with assistance and remote management centres (night calls, for example)
- › Video integrated solutions (reassurance, aided assistance)
- › Stations tailored to various applications (internal, external, refuge call points, car park access terminals, counter intercom systems, DDA compliant, etc.)



REFERENCES

Accor Group Hotels, Hilton Evian Hotel, Méridien Montparnasse Hotel, Lucien Barrière Casino Toulouse, Center Parcs Chamouille, Château des Mesnuls, Tables de France Paris, Le Royal Monceau Paris, Pullman Tour Eiffel Hotel, Mercure Tour Eiffel Hotel, Radisson Blu Brazzaville, B&B Hotels, and many others references through our worldwide network of distributors.

EXAMPLE



- 1 - MAIN ENTRANCE**
CAPH V1B
Control access to the main entrance
- 2 - KITCHENS**
LP32/C AV
Control access to the kitchens
- 3 - CAR PARK**
CAPH 1B CLAV
Control access to the car park
- 4 - OFFICES**
H100 HANDLE
Control access to offices

- 5 - LIFTS**
XE K-ASC-P (kit)
Manage lifts calls
- 6 - TECHNICAL ROOM**
VDUC EVO - VD 4LECT
Manage access control readers
- IPS2**
Manage main entrance and car park calls



IP intercom

FULL IP/SIP AUDIO VIDEO ACCESS
INTERCOM AND INTERCOMMUNICATION
NEW GENERATION



A pioneer in IP intercom solutions, CASTEL upgrades the XELLIP range. More than a new design, technological developments and advanced features.

STANDARD QUOTES AND SCHEMATIC
(SEE PAGES 44-45)



- IP audio video access intercom compliant with disability regulations (DDA)
- Audio video intercommunication (various IP communications networks)
- Remote control release
- Audio conferencing, group calls, general calls
- Call overflow, call forwarding, call transfer, voice messaging, answerphone, automatic hang-up, privacy mode, do not disturb, call waiting, priority call, presence detection functions, etc. are available
- Time programming by profile (call and directory)
- Audio video backup
- PoE / PoE+ power supply
- Optional: WiFi

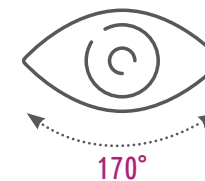


Main applications

Access intercom (tertiary industry buildings and industrial sites, HGV access points for logistics sites, office access, emergencies, etc.), Smartphones mobile intercom, assistance intercom (secured waiting rooms, help points, car parks, motorway toll booths, transportation, etc.), service intercommunication, customisable intercom, prisons intercom (cell, security and access intercom, counter intercom, visiting rooms intercom, etc.), medical sector intercom (operating theatres, etc.), and many other customised applications.



Station for help point - refuge area



Main benefits

HD video quality

- > Colour video camera (1280x800)
- > Wide angle (170° horizontal - 100° vertical)
- > Removable camera window for easier maintenance (patented system)

Style and durability

- > Design combining modernity with simplicity
- > Designed for the most demanding environments: IK 09, IP 66 (depending on the model)

Hi-Fi sound quality

- > 10 W power
- > Full Duplex communication
- > Noise and echo cancelling system (DSP)
- > 16 kHz sampling frequency
- > Mechanical, acoustically optimised design

Native Full IP / SIP

- > 1 single network cable (RJ45) for managing audio, video, data and power supply (PoE / PoE+)

Full connectors

- > 2 RJ45: switch function, bus IP architecture, network loopback
- > WiFi connection (optional)
- > USB Port: external camera
- > RS485: input / output modules
- > 2 inputs / 2 relays

Total intercommunication

- > Between the different stations over an IP network using the SIP protocol
- > Via a direct SIP link - Stand Alone
- > Or through an SIP Castel server or an IPBX

IP	SIP protocol (RFC 3261)	PoE (IEEE 802.3af) PoE+ (IEEE 802.3at)	Full Duplex	Audio codec: G711 Ulaw/Alaw, GSM, G722, G729	Ethernet connection security with 802.1X protocol	DDA compliant stations
Wiring: RJ45	DTMF: RFC 2833, SIP INFO	WiFi (IEEE 802.11a/b/g/n)	DSP technology	Video codec: CIF/QCIF, VGA/ QVGA, HD, H263, H263+, H264	SNMP V2 AND V3 STATIC IP OR DHCP	Stations with integrated web interface

[View the Xellip range video presentation](#)





IP intercom



Castel SIP application



Supervision of communications, access control, technical alarms, etc.



Entry station with Bluetooth reader

Multi-support call reception

- > Dedicated master stations and monitors
- > Smartphones and tablets (using the Castel SIP application)
- > PC Softphone (SIP audio video reception interface)
- > SIP phones, GSM, DECT, analog phones, etc.

Interoperability with the Security ecosystem

- > SIP Protocol
- > The most common audio and video codecs (G711, G722, G729, GSM, H263, H263+, H264, etc.)
- > SNMP V2 / V3
- > RTSP
- > **ONVIF**

Easy and user-friendly web interface

- > For remote configuration of the stations and the servers

A wide range adapted to different environments

- > Desk master station or stainless steel build-in version
- > Reception monitors
- > Audio-video entry stations with call buttons, names scrolling, keypad
- > Waterproof disinfectable stations
- > Audio-video integration kits
- > Entry stations with access control reader Mifare, Desfire, Bluetooth, etc.

A solution that complies with laws relating to accessibility for disabled people (DDA)

- > Wide angle, colour video camera
- > Pictograms for disabled people, viewed with coloured LEDs (or directly on screen according to the models)
- > Sound damping messages
- > Integrated audio induction loop
- > Keypad with Braille buttons



MASTER STATIONS



XE DESK-SCREEN V-P

Audio video Full IP/SIP master station
REF **500.2600**

- > 4.3 inch TFT touch screen
- > Built-in colour video camera
- > Numerical keypad and functions keys
- > 4 programmable function keys
- > ABS case, wall-mounted or desktop stand (zamac)
- > IP40 rating
- > PoE power supply (or optional external power supply)
- > H 255 mm x W 127 mm x D 47 mm (with desktop stand H 255 mm x W 127 mm x D 155 mm)

XE HANDSET-SCREEN V-P

Handset version
REF **500.5600**



XE DESK-GRAPH-P

Audio Full IP/SIP master station
REF **500.2000**

- > Graphic display 128x64 backlighting
- > Numerical keypad and functions keys
- > 4 programmable function keys
- > ABS case, wall-mounted or desktop stand (zamac)
- > IP40 rating
- > PoE power supply (or optional external power supply)
- > H 255 mm x W 127 mm x D 47 mm (with desktop stand H 255 mm x W 127 mm x D 155 mm)

XE HANDSET-GRAPH-P

Handset version
REF **500.5000**

MASTER STATIONS BUILD-IN VERSION



XE PLATINE-SCREEN

Audio video Full IP/SIP master station build-in version
REF **500.9260**

- > Stainless steel 316 L vandal proof front panel
- > 4.3 inch TFT screen
- > Numerical keypad and functions keys
- > 6 programmable function keys
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 260 mm x W 310 mm x D 2 mm (flush-mounted with flush box D 60 mm)

EXTENSION 20 BP

20 additional function keys for XE PLATINE-SCREEN
REF **500.9270**



XE PLATINE-GRAPH

Audio Full IP/SIP master station build-in version
REF **500.9200**

- > Stainless steel 316 L vandal proof front panel
- > Graphic display 128x64 backlighting
- > Functions keys
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 130 mm x D 2 mm (flush-mounted with flush box D 47 mm)





MASTER STATIONS FOR MEDICAL SECTOR



XE MED-P

Audio Full IP/SIP waterproof disinfectable master station
REF **540.4000**

- > Graphic display 128x64 backlighting
- > Numerical keypad and functions keys
- > 4 programmable function keys
- > Disinfectable polyester front panel
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 130 mm x D 4 mm (flush-mounted with flush box D 47 mm)
- H 282.5 mm x W 132.5 mm x D 65 mm (surface-mounted with optional XEKMED surface box)



XE MED 4B

Audio Full IP/SIP waterproof disinfectable master station with 4 buttons
REF **540.4300**

- > 4 programmable function keys
- > 2 buttons (call management)
- > Disinfectable polyester front panel
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 130 mm x D 4 mm (flush-mounted with flush box D 47 mm)
- H 282.5 mm x W 132.5 mm x D 65 mm (surface-mounted with optional XEKMED surface box)



XE MED V4B SCREEN

Full IP/SIP waterproof disinfectable with 4 buttons and two-way video master station
REF **101886**

- > TFT color 4.3 inch screen
- > Built in color video camera
- > 4 programmable function keys
- > Disinfectable polyester front panel
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 170 mm x D 4 mm (flush-mounted with flush box D 47 mm)
- H 282.5 mm x W 172.5 mm x D 65 mm (surface-mounted with optional surface box)

RECEPTION MONITORS SMALL OR MEDIUM SERVICES / OFFICES



XE MONITOR-P

Audio video Full IP/SIP reception monitor
REF **500.8000**

- > 7 inch TFT touch screen
- > 4 function keys
- > ABS case, wall-mounted or optional desktop stand
- > IP40 rating
- > PoE power supply (or optional external power supply)
- > H 169 mm x W 210 mm x D 36 mm (with desktop stand H 195 mm x W 210 mm x D 170 mm)



XE MONITOR CCTV

Audio video Full IP/SIP reception monitor with external IP cameras display
REF **500.8100**

- > 7 inch TFT touch screen
- > 4 function keys
- > External IP cameras display
- > ABS case, wall-mounted or optional desktop stand
- > IP40 rating
- > PoE power supply (or optional external power supply)
- > H 169 mm x W 210 mm x D 36 mm (with desktop stand H 195 mm x W 210 mm x D 170 mm)

AUDIO VIDEO INTERCOM XELLIP RANGE



XE VIDEO 1B

Audio video Full IP/SIP entry station with 1 call button DDA compliant
REF **590.2000**

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



XE VIDEO 2B

Audio video Full IP/SIP entry station with 2 call buttons DDA compliant
REF **590.2100**

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



XE VIDEO 3B

Audio video Full IP/SIP entry station with 3 call buttons DDA compliant
REF **590.2200**

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 3 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



XE VIDEO 4B

Audio video Full IP/SIP entry station with 4 call buttons DDA compliant
REF **590.2300**

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 4 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



XE VIDEO 6B

Audio video Full IP/SIP entry station with 6 call buttons DDA compliant
REF **590.2400**

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 6 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



XE VIDEO 10B

Audio video Full IP/SIP entry station with 10 call buttons DDA compliant
REF **590.2500**

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 10 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)





AUDIO VIDEO INTERCOM XELLIP RANGE



XE PAD VIDEO 1B

Audio video Full IP/SIP entry station with names scrolling and 1 call button DDA compliant
REF **590.5000**

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



XE PAD VIDEO 3B

Audio video Full IP/SIP entry station with names scrolling and 3 call buttons DDA compliant
REF **590.5100**

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 3 call buttons and backlighting labels
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



XE VIDEO 1B CLAV

Audio video Full IP/SIP entry station with keypad and 1 call button DDA compliant
REF **590.2600**

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



XE VIDEO 2B CLAV

Audio video Full IP/SIP entry station with keypad and 2 call buttons DDA compliant
REF **590.2700**

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



XE PAD VIDEO CLAV

Audio video Full IP/SIP entry station with names scrolling and keypad DDA compliant
REF **590.5200**

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)

AUDIO INTERCOM XELLIP RANGE



XE AUDIO 1B

Audio Full IP/SIP entry station with 1 call button DDA compliant
REF **590.0000**

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



XE AUDIO 2B

Audio Full IP/SIP entry station with 2 call buttons DDA compliant
REF **590.0100**

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



XE AUDIO 3B

Audio Full IP/SIP entry station with 3 call buttons DDA compliant
REF **590.0200**

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 3 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



XE AUDIO 4B

Audio Full IP/SIP entry station with 4 call buttons DDA compliant
REF **590.0300**

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 4 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



XE AUDIO 6B

Audio Full IP/SIP entry station with 6 call buttons DDA compliant
REF **590.0400**

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 6 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



XE AUDIO 10B

Audio Full IP/SIP entry station with 10 call buttons DDA compliant
REF **590.0500**

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 10 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



⚡ AUDIO INTERCOM XELLIP RANGE



XE PAD AUDIO 1B

Audio Full IP/SIP entry station with names scrolling and 1 call button DDA compliant
REF **590.4000**

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



XE PAD AUDIO 3B

Audio Full IP/SIP entry station with names scrolling and 3 call buttons DDA compliant
REF **590.4100**

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 3 call buttons and backlighting labels
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



XE AUDIO 1B CLAV

Audio Full IP/SIP entry station with keypad and 1 call button DDA compliant
REF **590.0600**

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



XE AUDIO 2B CLAV

Audio Full IP/SIP entry station with keypad and 2 call buttons DDA compliant
REF **590.0700**

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



XE PAD AUDIO CLAV

Audio Full IP/SIP entry station with names scrolling and keypad DDA compliant
REF **590.4200**

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)

⚡ INTERCOMS WITH BUILT IN ACCESS CONTROL READER XELLIP RANGE



XE VIDEO 1B MI/C

Audio video Full IP/SIP entry station with 1 call button and 13.56 MHz Mifare® serial number reader DDA compliant
REF **590.6600**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE VIDEO 1B MIS/C

13.56 MHz Mifare® sector reader version
REF **590.6700**

XE VIDEO 1B DES

13.56 MHz Mifare® Desfire® reader version
REF **590.6800**



XE VIDEO 2B MI/C

Audio video Full IP/SIP entry station with 2 call buttons and 13.56 MHz Mifare® serial number reader DDA compliant
REF **590.5900**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



XE AUDIO 1B MI/C

Audio Full IP/SIP entry station with 1 call button and 13.56 MHz Mifare® serial number reader DDA compliant
REF **590.6100**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE AUDIO 1B MIS/C

13.56 MHz Mifare® sector reader version
REF **590.6200**

XE AUDIO 1B DES

13.56 MHz Mifare® Desfire® reader version
REF **590.6300**



XE AUDIO 2B MI/C

Audio Full IP/SIP entry station with 2 call buttons and 13.56 MHz Mifare® serial number reader DDA compliant
REF **590.5400**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



INTERCOMS WITH BUILT IN ACCESS CONTROL READER XELLIP RANGE



XE PAD VIDEO MI/C

Audio video Full IP/SIP entry station with names scrolling and 13.56 MHz Mifare® serial number reader DDA compliant
REF **590.7600**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE PAD VIDEO MIS/C

13.56 MHz Mifare® sector reader version
REF **590.7700**

XE PAD VIDEO DES

13.56 MHz Mifare® Desfire® reader version
REF **590.7800**



XE PAD AUDIO MI/C

Audio Full IP/SIP entry station with names scrolling and 13.56 MHz Mifare® serial number reader DDA compliant
REF **590.7100**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > Full Duplex 10 W communications
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE PAD AUDIO MIS/C

13.56 MHz Mifare® sector reader version
REF **590.7200**

XE PAD AUDIO DES

13.56 MHz Mifare® Desfire® reader version
REF **590.7300**

INTERCOMS WITH ACCESS CONTROL BLUETOOTH READER XELLIP RANGE

CASTEL has developed intercoms with built in readers associating the latest Mifare® contactless chip technology and a Bluetooth authentication using Smartphones.

This solution integrates virtual access cards in Smartphones, improving the access control security as well as feeling more instinctive.

Your Smartphone becomes the access key, giving up the traditional access control constraints.



Starting up is fairly simple, swiping one of the three included configuration cards in front of the reader.

Those three configuration cards allow you to select one of the three different modes according to your needs.



CARD MODE:

By placing your Smartphone in front of the reader.



TAP TAP MODE:

By tapping your Smartphone twice in your pocket for near or remote opening.



HANDS-FREE MODE:

By simply passing in front of the reader.



XE VIDEO 1B BLE

Audio video Full IP/SIP entry station with 1 call button and Bluetooth reader DDA compliant
REF **590.6900**

- > Stainless steel 316 L vandal proof front panel
- > Bluetooth reader and 2 leds (green : access granted, red : access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE AUDIO 1B BLE

Audio 1 call button and Bluetooth reader version
REF **590.6400**



XE VIDEO 2B BLE

Audio video Full IP/SIP entry station with 2 call buttons and Bluetooth reader DDA compliant
REF **590.6900**

- > Stainless steel 316 L vandal proof front panel
- > Bluetooth reader and 2 leds (green : access granted, red : access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE AUDIO 2B BLE

Audio 2 call buttons and Bluetooth reader version
REF **590.5500**



XE PAD VIDEO BLE

Audio video Full IP/SIP entry station with names scrolling and Bluetooth reader DDA compliant
REF **590.7900**

- > Stainless steel 316 L vandal proof front panel
- > Bluetooth reader and 2 leds (green : access granted, red : access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE PAD AUDIO BLE

Audio with names scrolling and Bluetooth reader version
REF **590.7400**

INTERCOMS WITH BUILT IN KEYPAD AND ACCESS CONTROL READER PAD IP RANGE



PAD IP VIDEO-CLAV-MI/C

Audio video Full IP/SIP entry station with names scrolling, keypad and 13.56 MHz Mifare® serial number reader DDA compliant
REF **560.7610**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > Numerical keypad for direct dial and access code buttons with Braille
- > Built-in colour video camera
- > 3 keys for names scrolling
- > Graphic display 128x64 backlighting
- > 3 leds for DDA compliance (or displayed on screen)
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 432 mm x W 140 mm x D 2 mm (in wall mounting with backing D 54,5 mm)
- > H 432 mm x W 140 mm x D 54,5 mm (surface mounting)

PAD IP VIDEO-CLAV-MIS/C

13.56 MHz Mifare® sector reader version
REF **560.7710**

PAD IP VIDEO-CLAV-DES

13.56 MHz Mifare® Desfire® reader version
REF **560.7810**



PAD IP AUDIO-CLAV-MI/C

Audio Full IP/SIP entry station with names scrolling, keypad and 13.56 MHz Mifare® serial number reader DDA compliant
REF **560.7110**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > Numerical keypad for direct dial and access code buttons with Braille
- > 3 keys for names scrolling
- > Graphic display 128x64 backlighting
- > 3 leds for DDA compliance (or displayed on screen)
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 432 mm x W 140 mm x D 2 mm (in wall mounting with backing D 54,5 mm)
- > H 432 mm x W 140 mm x D 54,5 mm (surface mounting)

PAD IP AUDIO-CLAV-MIS/C

13.56 MHz Mifare® sector reader version
REF **560.7210**

PAD IP AUDIO-CLAV-DES

13.56 MHz Mifare® Desfire® reader version
REF **560.7310**



STATIONS FOR HELP POINTS ASSISTANCE / SHELTERS

CASTEL has many intercom stations references for call points and can also make specific developments in order to fit your needs as closely as possible.



XE AUDIO 1B HELP

Audio Full IP/SIP entry station with 1 call button and induction loop
REF **590.9920**

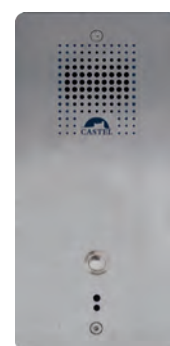
- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 1 backlit call button and Braille inscription
- > SOS serigraphy
- > 2 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 280 mm x W 145 mm x D 63 mm (surface mounted)



XE P-2B-HELP

Audio Full IP/SIP entry station with 2 call buttons and induction loop
REF **530.7100**

- > Vandal proof conception
- > Stainless steel front panel
- > 2 call buttons with Braille inscription
- > 2 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 400 x W 130 mm x D 2 mm (flush mounted)



XE-P-1BP-V2

Audio Full IP/SIP entry station with 1 call button
REF **530.2100**

- > Stainless steel 316 L vandal proof front panel
- > 1 call button
- > IP54 - IK09 rating
- > PoE power supply (or optional external power supply)
- > H 230 x W 110 mm x D 2 mm (flush-mounted with flush box D 55 mm)
- > H 233 mm x W 113 mm x D 67 mm (surface-mounted with surface box)

EMERGENCY CALL INTERCOM



XE ALARME

Discrete «anti hold-up» emergency call kit
REF **540.3500**

- > Steel case RAL 7035 colour
- > Integrated call button (remote call buttons possibility)
- > Signalisation led (call in progress)
- > IP40 rating
- > PoE power supply (or optional external power supply)
- > H 146 mm x W 110 mm x D 51 mm

TWO-WAY VIDEO INTERCOM CAP IP RANGE



CAP IP-V1B-SCREEN-P

Audio video Full IP/SIP entry station with 1 call button and two-way video DDA compliant
REF **565.2000**

- > Stainless steel 316 L vandal proof front panel
- > 4.3 inch colour screen
- > Built-in colour video camera
- > 1 call button illuminated
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 170 mm x D 2 mm (flush-mounted with flush box D 47 mm)
- > H 282,5 mm x W 172,5 mm x D 65 mm (surface-mounted with surface box))

CAP IP-V2B-SCREEN-P

2 call buttons version
REF **565.2100**

STATIONS FOR PRISON SECTOR

CASTEL has developed more than fifty intercom stations and door frame intercom kits, to answer all the prisons needs (cell, security and access intercom, counter intercom, visiting rooms intercom, etc.).



XE P-1B-CELL1

Audio Full IP/SIP intercom stations - cell/corridor
REF **550.0000**

- > Composed by one cell station and one corridor station
- > Vandal proof conception, stainless steel front panel
- > 1 call button with signalisation led, 2 light buttons (cell and shower) on the cell station
- > 1 acknowledgement button and 1 light button (night-light) on the corridor station
- > IK09 rating
- > PoE power supply (or optional external power supply)
- > H 220 mm x W 120 mm x D 2 mm (flush mounted - flush mounting D: cell station 45 mm - corridor station 60 mm)



XE P-1B-CELL2

Audio Full IP/SIP intercom stations - cell/corridor
REF **550.0100**

- > Composed by one cell station and one corridor station
- > Vandal proof conception, stainless steel front panel
- > 1 call button with signalisation led, 1 light button on the cell station
- > 1 acknowledgement button and 1 light button on the corridor station
- > IK09 rating
- > PoE power supply (or optional external power supply)
- > H 210 mm x W 110 mm x D 2 mm (flush mounted - flush mounting D: cell station 70 mm - corridor station 35 mm)



XE P-1B-CELL3

Audio Full IP/SIP intercom stations - cell /corridor
REF **550.0200** and **550.0300**

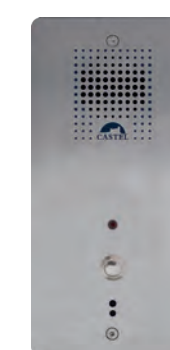
- > Composed by one cell station and one corridor station
- > Vandal proof conception, stainless steel front panel
- > 1 call button with signalisation led on the cell station
- > 1 acknowledgement lock and 1 light button (night-light) on the corridor station
- > IK09 rating
- > PoE power supply (or optional external power supply)
- > H 190 mm x W 70 mm x D 2 mm (flushed mounted - flush mounting D: cell station 128 mm - corridor station 40 mm)



XE P-1B-CP

Audio Full IP/SIP emergency call intercom with mushroom call button
REF **101990**

- > Stainless steel 316 L vandal proof front panel
- > 1 emergency mushroom call button
- > Signalisation led
- > IP65 - IK09 rating
- > PoE power supply (or optional external power supply)
- > H 270 x W 120 mm x D 2 mm (flush-mounted with flush box D 55 mm)
- > H 270 mm x W 120 mm x D 57 mm (surface mounted)



XE P-1B LIAISON V2

Audio Full IP/SIP intercom system for access intercom (corridor grids)
REF **530.3100**

- > Stainless steel 316 L vandal proof front panel
- > 1 call button with signalisation led
- > IP54 - IK09 rating
- > PoE power supply (or optional external power supply)
- > H 230 x W 110 mm x D 2 mm (flush-mounted with flush box D 55 mm)
- > H 233 mm x W 113 mm x D 67 mm (surface-mounted with surface box)





SMALL AND MEDIUM SERVICES SECTOR PACK



- > Kit with board integrated in a steel case
- > HD colour video camera - Wide angle 170° (ONVIF) - deported with 2m USB cable
- > Full Duplex 10 W communications
- > 3 leds DDA compliant
- > Deported micro, speaker, leds and call button (65 cm cables)
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs / 2 relays
- > IP40 rating
- > PoE power supply (or optional external power supply)
- > H 150 mm x W 130 mm x D 46 mm



- > Kit with board integrated in a steel case
- > Full Duplex 10 W communications
- > 3 leds DDA compliant
- > Deported micro, speaker, leds and call button (65 cm cables)
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs / 2 relays
- > IP40 rating
- > PoE power supply
(or optional external power supply)
- > H 150 mm x W 130 mm x D 46 mm



- > Kit with board integrated in a steel case
- > Remote microphone, loudspeaker and call button
- > Illuminated call button
(visual indication: idle state, call in progress or communication)
- > IP40 rating
- > PoE power supply
(or optional external power supply)
- > H 137 mm x W 105 mm x D 33 mm



- > Lift standards compliant EN 81-28
- > Kit with board integrated in a steel case
- > Remote microphone, integrated loudspeaker (remote loudspeaker possibility)
- > Induction loop
- > IP40 rating
- > PoE power supply
(or optional external power supply)
- > H 272 mm x W 105 mm x D 40,5 mm

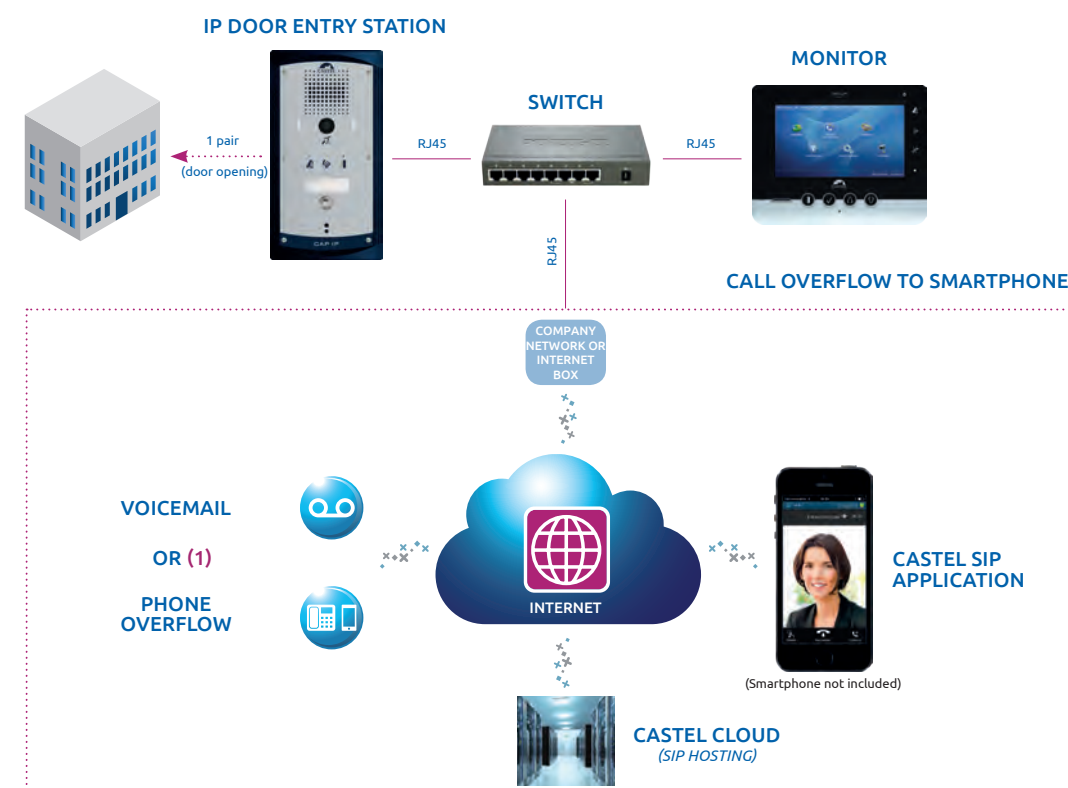


- > Designed for explosive environment according to 94/9/CE (ATEX EE xd II B2 IIG2)
- > 1 call button
- > Orange aluminium front panel
- > IP66 rating
- > PoE power supply (or optional external power supply)
- > H 350 mm x W 215 mm x D 190 mm (surface mounting)



XE K V1B LECT

Audio video Full IP/SIP intercom kit with 1 call button and one reader connection possibility
REF **540.5900**



(1) In case of a rejected call, non-reception or device off, it is possible to leave a voice mail message on a answering machine which comes directly to the contacted person mail box (audio file attached). You can also (optional function) overflow the call from the door entry station to GSM or landline phone numbers (only available in metropolitan France).



AUDIO & AUDIO VIDEO INTERCOMS CAP IP - PAD IP RANGE



CAP IP-V1B-P

Audio video Full IP/SIP entry station with 1 call button DDA compliant
REF **560.2000**

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 1 call button and label
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > PoE power supply (or optional external power supply)
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 250 mm x W 135 mm x D 54.5 mm (surface mounted)

CAP IP-1B-P

Audio 1 call button version
REF **560.0000**



CAP IP-V2B-P

Audio video Full IP/SIP entry station with 2 call buttons DDA compliant
REF **560.2100**

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 2 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > PoE power supply (or optional external power supply)
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 250 mm x W 135 mm x D 54.5 mm (surface mounted)

CAP IP-2B-P

Audio 2 call buttons version
REF **560.0100**



CAP IP-V3B-P

Audio video Full IP/SIP entry station with 3 call buttons DDA compliant
REF **560.2200**

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 3 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > PoE power supply (or optional external power supply)
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 250 mm x W 135 mm x D 54.5 mm (surface mounted)

CAP IP-3B-P

Audio 3 call buttons version
REF **560.0200**



CAP IP-V1B-CLAV-P

Audio video Full IP/SIP entry station with 1 call button and keypad DDA compliant
REF **560.2600**

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 1 call button and label
- > Numerical keypad for direct dial and access code, buttons with Braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK08 rating
- > PoE power supply (or optional external power supply)
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

CAP IP-1B-CLAV-P

Audio 1 call button and keypad version
REF **560.0600**



CAP IP-V2B-CLAV-P

Audio video Full IP/SIP entry station with 2 call buttons and keypad DDA compliant
REF **560.2700**

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 2 call buttons and labels
- > Numerical keypad for direct dial and access code, buttons with Braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK08 rating
- > PoE power supply (or optional external power supply)
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

CAP IP-2B-CLAV-P

Audio 2 call buttons and keypad version
REF **560.0700**



CAP IP-V4B-P

Audio video Full IP/SIP entry station with 4 call buttons DDA compliant
REF **560.2300**

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 4 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > PoE power supply (or optional external power supply)
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 250 mm x W 135 mm x D 54.5 mm (surface mounted)

CAP IP-4B-P

Audio 4 call buttons version
REF **560.0300**



CAP IP-V6B-P

Audio video Full IP/SIP entry station with 6 call buttons DDA compliant
REF **560.2400**

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 6 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > PoE power supply (or optional external power supply)
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 350 mm x W 135 mm x D 54.5 mm (surface mounted)

CAP IP-6B-P

Audio 6 call buttons version
REF **560.0400**



CAP IP-V10B-P

Audio video Full IP/SIP entry station with 10 call buttons DDA compliant
REF **560.2500**

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 10 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > PoE power supply (or optional external power supply)
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 350 mm x W 135 mm x D 54.5 mm (surface mounted)

CAP IP-10B-P

Audio 10 call buttons version
REF **560.0500**



PAD IP VIDEO-1B-P

Audio video Full IP/SIP entry station with names scrolling and 1 call button DDA compliant
REF **560.5000**

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 1 call button and label
- > 3 keys for names scrolling
- > Graphic display 128x64 backlighting
- > 3 leds for DDA compliance (or displayed on screen)
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

PAD IP AUDIO-1B-P

Audio with names scrolling and 1 call button version
REF **560.4000**



PAD IP VIDEO-3B-P

Audio video Full IP/SIP entry station with names scrolling and 3 call buttons DDA compliant
REF **560.5100**

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 3 call buttons and labels
- > 3 keys for names scrolling
- > Graphic display 128x64 backlighting
- > 3 leds for DDA compliance (or displayed on screen)
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

PAD IP AUDIO-3B-P

Audio with names scrolling and 3 call buttons version
REF **560.4100**



PAD IP VIDEO-CLAV-P

Audio video Full IP/SIP entry station with names scrolling and keypad DDA compliant
REF **560.5200**

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > Numerical keypad for direct dial and access code, buttons with Braille
- > 3 keys for names scrolling
- > Graphic display 128x64 backlighting
- > 3 leds for DDA compliance (or displayed on screen)
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

PAD IP AUDIO-CLAV-P

Audio with names scrolling and keypad version
REF **560.4200**





INTERCOMS WITH ACCESS CONTROL READER

CAP IP - PAD IP RANGE



CAP IP-V1B-MI/C

Audio video Full IP/SIP entry station with 1 call button DDA compliant and 13.56 MHz Mifare® serial number reader
REF **560.6600**

- > Stainless steel 316 L vandal proof front panel
- > Reader 13.56 MHz Mifare® serial number and 2 leds (green: authorized access, red: refused access)
- > Built-in colour video camera
- > 1 call button and label
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

CAP IP-V1B-MIS/C

13.56 MHz Mifare® sector reader version
REF **560.6700**

CAP IP-V1B-DES

13.56 MHz Mifare® Desfire® reader version
REF **560.6800**

CAP IP-V2B-MI/C

2 call buttons and 13.56 MHz Mifare® serial number reader version
REF **560.5900**



CAP IP-1B-MI/C

Audio Full IP/SIP entry station with 1 call button DDA compliant and 13.56 MHz Mifare® serial number reader
REF **560.6100**

- > Stainless steel 316 L vandal proof front panel
- > Reader 13.56 MHz Mifare® serial number and 2 leds (green: authorized access, red: refused access)
- > 1 call button and label
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

CAP IP-1B-MIS/C

13.56 MHz Mifare® sector reader version
REF **560.6200**

CAP IP-1B-DES

13.56 MHz Mifare® Desfire® reader version
REF **560.6300**

CAP IP-2B-MI/C

2 call buttons and 13.56 MHz Mifare® serial number reader version
REF **560.5400**



PAD IP VIDEO-MI/C

Audio video Full IP/SIP entry station with names scrolling DDA compliant and 13.56 MHz Mifare® serial number reader
REF **560.7600**

- > Stainless steel 316 L vandal proof front panel
- > Reader 13.56 MHz Mifare® serial number and 2 leds (green: authorized access, red: refused access)
- > Built-in colour video camera
- > 3 keys for names scrolling
- > Graphic display 128x64 backlighting
- > 3 leds for DDA compliance (or displayed on screen)
- > Integrated induction loop
- > IP65 - IK09 rating
- > PoE power supply (or optional external power supply)
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

PAD IP VIDEO-MIS/C

13.56 MHz Mifare® sector reader version
REF **560.7700**

PAD IP VIDEO-DES

13.56 MHz Mifare® Desfire® reader version
REF **560.7800**



PAD IP AUDIO-MI/C

Audio Full IP/SIP entry station with names scrolling DDA compliant and 13.56 MHz Mifare® serial number reader
REF **560.7100**

- > Stainless steel 316 L vandal proof front panel
- > Reader 13.56 MHz Mifare® serial number and 2 leds (green: authorized access, red: refused access)
- > 3 keys for names scrolling
- > Graphic display 128x64 backlighting
- > 3 leds for DDA compliance (or displayed on screen)
- > Integrated induction loop
- > IP65 - IK09 rating
- > PoE power supply (or optional external power supply)
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- > H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

PAD IP AUDIO-MIS/C

13.56 MHz Mifare® sector reader version
REF **560.7200**

PAD IP AUDIO-DES

13.56 MHz Mifare® Desfire® reader version
REF **560.7300**

SERVERS



XELLIP SERVEUR MAX

Multifunction intercom server
REF **540.0100**

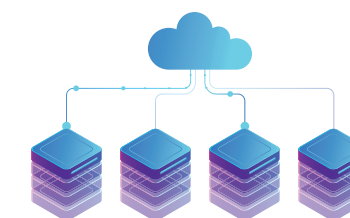
- > Allows to manage up to 1000 SIP extensions
- > Advanced functions (call groups, call zones, paging groups, conference, etc.)
- > Audio and video backup
- > SIP Trunk (interconnection of 2 SIP systems)
- > Castel technical support contract available for 2 years to the final client (free the first year - material warranty - and service fee the second year)
- > H 43 mm x W 426 mm x D 356 mm (rackable 1U black metallic case)



XELLIP ROUTEUR

20 stations router server
REF **540.0000**

- > Allows to manage up to 20 SIP stations (configuration, visualisation)
- > Management of audio et video calls
- > Advanced functions (call groups, call zones, paging groups, overflowing)
- > SIP Trunk (interconnection of 2 SIP systems)
- > PoE power supply (or optional external power supply)
- > H 137 mm x W 105 mm x D 33 mm



Serveur Max Virtuel

XELLIP SERVEUR MAX VIRTUEL

Virtual multifunction intercom server, with advanced functions (call groups, call zones, paging groups, conference, SIP Trunk, audio backup, etc.) - VMware compatible
REF **540.1400**

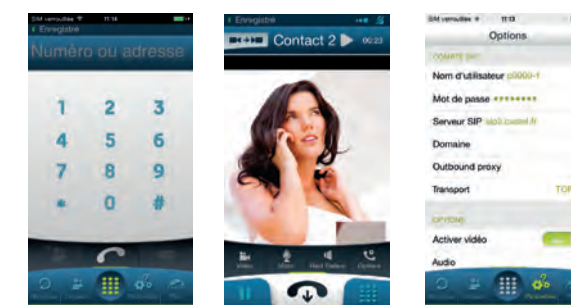
SOFTWARES AND INTERFACES



XELLIP MEDIA

SIP audio video reception interface
REF **540.1000**

- > This Softphone transforms your PC into a complete SIP station
- > Audio video communication with XELLIP or CAP IP range stations, or any other intercom system supporting the SIP protocol
- > Recording on a SIP server or working in Stand-Alone
- > Advanced functions (call transfer, call forwarding, automatic hang-up, management of a SIP contact directory, possibility to manage a webcam, remote control release)



APPLICATION CASTEL SIP

SIP audio-video intercom application for Smartphones and tablets (iPhone®, iPad® and Android®): for more details, please see page 46



XELLIP TRANSFER

IP interface to analog telephone
REF **540.2500**



CASTEL SUPERVISOR

Supervision software
REF **110.8300**

- > Events viewing and recording (communications, incoming / outgoing calls, on hold, relay status, forward status)
- > Graphical display or table for real time events viewing
- > Scheduled forward
- > Compatible with Windows XP, 7, 10, 2003 server, 2008 server
- > Compatible with Oracle and SQL Server databases
- > Multi-users software (only one license for server + remote client computer) using full web securised architecture

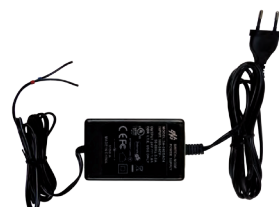


ACCESSORIES AND POWER SUPPLIES



HP SIP

SIP megaphone - PoE - requires a SIP server
REF **300.1000**



A24V-0A7-F

Power supply 24VDC 1A - wire plug
REF **110.9000**



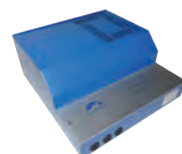
A24V-0A7-J

Power supply 24VDC 1A - Jack plug
REF **540.6000**



A24V-2A

Cutting power supply on din track
24VDC 2A
REF **110.9100**



A24V-3A-S

24VDC 3A saved power supply - battery
2.1 Ah
REF **440.4900-1**



XEKMED

Surface mounted kit for XE MED station
REF **540.4400**



SUPPORT XE PLATINE-SCREEN

Desk stand for XE PLATINE-SCREEN
REF **500.9265**



SUPPORT XE MONITOR

Desk stand for XE MONITOR
REF **540.8000**



OPTION WIFI

WiFi module and antenna for XE and CAP IP / PAD IP units
REF **500.9300**



CEINTURE 250

Stainless-steel anti-tear housing (surface-mounting) for CAP IP units - H 250 mm
REF **560.9200**



CEINTURE 350

Stainless-steel anti-tear housing (surface-mounting) for CAP IP and PAD IP units - H 350 mm
REF **560.9300**



CEINTURE 430

Stainless-steel belt (surface mounting) for PAD IP units with built in reader and keypad
REF **560.9400**



CEINTURE 280

Stainless-steel belt for small XE units (H 280 mm)
REF **590.9200**



CEINTURE 375

Stainless-steel belt for big XE units (H 375 mm)
REF **590.9300**



VISIÈRE 280

Rain shield for small XE units (H 280 mm)
REF **590.9400**



VISIÈRE 375

Rain shield for big XE units (H 375 mm)
REF **590.9500**



KIT DOME CAMERA XE2

5 camera lens + tool pack
REF **590.9700**

KIT GRIFFES

Plasterboard mounting kit for CAP IP and PAD IP units
REF **560.9000**

KIT GRIFFES PM XE2

Plasterboard mounting kit for small XE units (H 280 mm)
REF **590.9600**

KIT GRIFFES GM XE2

Plasterboard mounting kit for big XE units (H 375 mm)
REF **590.9650**





EXAMPLE GIVEN FOR QUOTE WITH 1 ACCESS

for any other configuration or specific request, do not hesitate to contact our quote service (devis@castel.fr)

IP/SIP AUDIO VIDEO INTERCOMS

Number of stations to call	AUDIO VIDEO INTERCOM							RECEPTION STATION			
	XE VIDEO 1B 1 call button intercom 590.2000	XE VIDEO 2B 2 call buttons intercom 590.2100	XE VIDEO 3B 3 call buttons intercom 590.2200	XE VIDEO 4B 4 call buttons intercom 590.2300	XE VIDEO 6B 6 call buttons intercom 590.2400	XE VIDEO 10B 10 call buttons intercom 590.2500	XE PAD VIDEO 1B Intercom with names scrolling and 1 call button 590.5000	XE DESK-SCREEN V-P Touch screen audio video master station 500.2600	XE MONITOR-P Touch screen audio video monitor 500.8000	XELLIP MEDIA SIP audio video reception Softphone 540.1000	SIP audio video phone (via an IPBX - not supplied by Castel)
1	1							1	1	1	1
2		1						2	2	1	2
3			1					3	3	1	3
4				1				4	4	1	4
5					1			5	5	1	5
6					1			6	6	1	6
7						1		7	7	1	7
8						1		8	8	1	8
9						1		9	9	1	9
10						1		10	10	1	10
more than 10							1	more than 10	more than 10	1	more than 10

IP/SIP AUDIO INTERCOMS

Number of stations to call	AUDIO INTERCOM							RECEPTION STATION		
	XE AUDIO 1B 1 call button intercom 590.0000	XE AUDIO 2B 2 call buttons intercom 590.0100	XE AUDIO 3B 3 call buttons intercom 590.0200	XE AUDIO 4B 4 call buttons intercom 590.0300	XE AUDIO 6B 6 call buttons intercom 590.0400	XE AUDIO 10B 10 call buttons intercom 590.0500	XE PAD AUDIO 1B Intercom with names scrolling and 1 call button 590.4000	XE DESK-GRAPH-P Audio master station 500.2000	XELLIP MEDIA SIP audio video reception Softphone 540.1000	SIP audio phone (via an IPBX - not supplied by Castel)
1	1							1	1	1
2		1						2	1	2
3			1					3	1	3
4				1				4	1	4
5					1			5	1	5
6					1			6	1	6
7						1		7	1	7
8						1		8	1	8
9						1		9	1	9
10						1		10	1	10
more than 10							1	more than 10	1	more than 10

IP/SIP INTERCOMS WITH KEYPAD

Number of stations to call	INTERCOM WITH KEYPAD			RECEPTION STATION				
	XE VIDEO 1B CLAV (OR XE AUDIO 1B CLAV) Audio video intercom with keypad and 1 call button (or audio) 590.2600 (OR 590.0600)	XE VIDEO 2B CLAV (OR XE AUDIO 2B CLAV) Audio video intercom with keypad and 2 call buttons (or audio) 590.2700 (OR 590.0700)	XE PAD VIDEO CLAV (OR XE PAD AUDIO CLAV) Audio video intercom with names scrolling and keypad (or audio) 590.5200 (OR 590.4200)	XE DESK-SCREEN V-P Touch screen audio video master station 500.2600	XE MONITOR-P Touch screen audio video monitor 500.8000	XE DESK-GRAPH-P Audio master station 500.2000	XELLIP MEDIA SIP audio video reception Softphone 540.1000	SIP audio video phone (via an IPBX - not supplied by Castel)
1	1			1	1	1	1	1
2		1		2	2	2	1	2
more than 2			1	more than 2	more than 2	more than 2	1	more than 2

IP/SIP INTERCOMS WITH BUILT IN ACCESS CONTROL READER

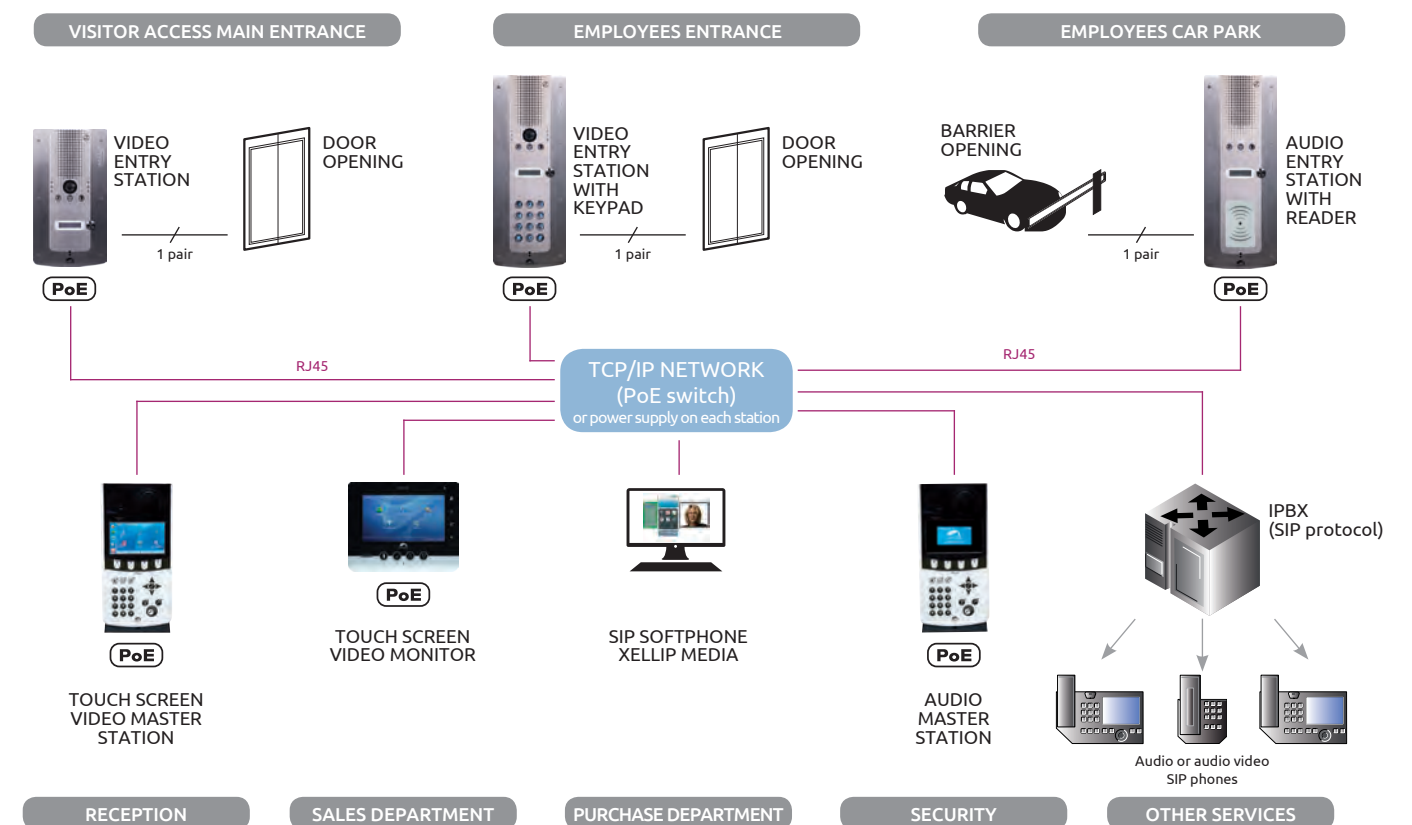
Number of stations to call	INTERCOM WITH READER			RECEPTION STATION				
	XE VIDEO 1B MI/C (OR XE AUDIO 1B MI/C) Audio video intercom with 1 call button and Mifare reader (or audio) 590.6600 (OR 590.6100)	XE VIDEO 2B MI/C (OR XE AUDIO 2B MI/C) Audio video intercom with 2 call buttons and Mifare reader (or audio) 590.5900 (OR 590.5400)	XE PAD VIDEO MI/C (OR XE PAD AUDIO MI/C) Audio video intercom with names scrolling and Mifare reader (or audio) 590.7600 (OR 590.7100)	XE DESK-SCREEN V-P Touch screen audio video master station 500.2600	XE MONITOR-P Touch screen audio video monitor 500.8000	XE DESK-GRAPH-P Audio master station 500.2000	XELLIP MEDIA SIP audio video reception Softphone 540.1000	SIP audio video phone (via an IPBX - not supplied by Castel)
1	1			1	1	1	1	1
2		1		2	2	2	1	2
more than 2			1	more than 2	more than 2	more than 2	1	more than 2

ACCESSORIES

A24V-2A	Cutting power supply on din track 24VDC 2A: if the door entry station is not PoE powered	110.9100
A24V-0A7-J	Power supply 24VDC 1A - Jack plug: if the master station is not PoE powered	540.6000
BPM32/C	Mifare card for door entry station with reader	910.0086
BPM34/C	Mifare key-ring for door entry station with reader	910.0079
KIT GRIFFES XE2	Plasterboard mounting kit for XE units	590.9600
CEINTURE 280	Stainless-steel belt for small XE units H 280 mm (1 to 6 call buttons)	590.9200
CEINTURE 375	Stainless-steel belt for big XE units H 375 mm (10 call buttons, door entry station with names scrolling, with reader, with keypad)	590.9300
VISIÈRE 280	Rain shield for small XE units (H 280 mm)	590.9400
VISIÈRE 375	Rain shield for big XE units (H 375 mm)	590.9500
OPTION WIFI	WiFi module and antenna for XE units	500.9300
SUPPORT XE MONITOR	Desk stand for XE MONITOR	540.8000

FOR CALLS TO SMARTPHONES AND TABLETS SEE NEXT PAGES

SCHEMATIC



RJ45 cable: category 5 or 6. Command opening: 9/10 cable.





SIP VIDEO INTERCOM SMARTPHONES AND TABLETS (CASTEL SIP)

With Castel SIP App, SIP audio and video intercom softphone for Smartphones and tablets (iPhone®, iPad® or Android®), receive calls from your door entry station and open the door, wherever you are.



TO ENTER THE WORLD OF THE SIP MOBILITY...

CHOOSE YOUR PACK

Pre-set door entry station to call Smartphone(s)
Check the available packs on next paged

DOWNLOAD THE CASTEL SIP APPLICATION

Available for free downloading on App Store and Google Play platform

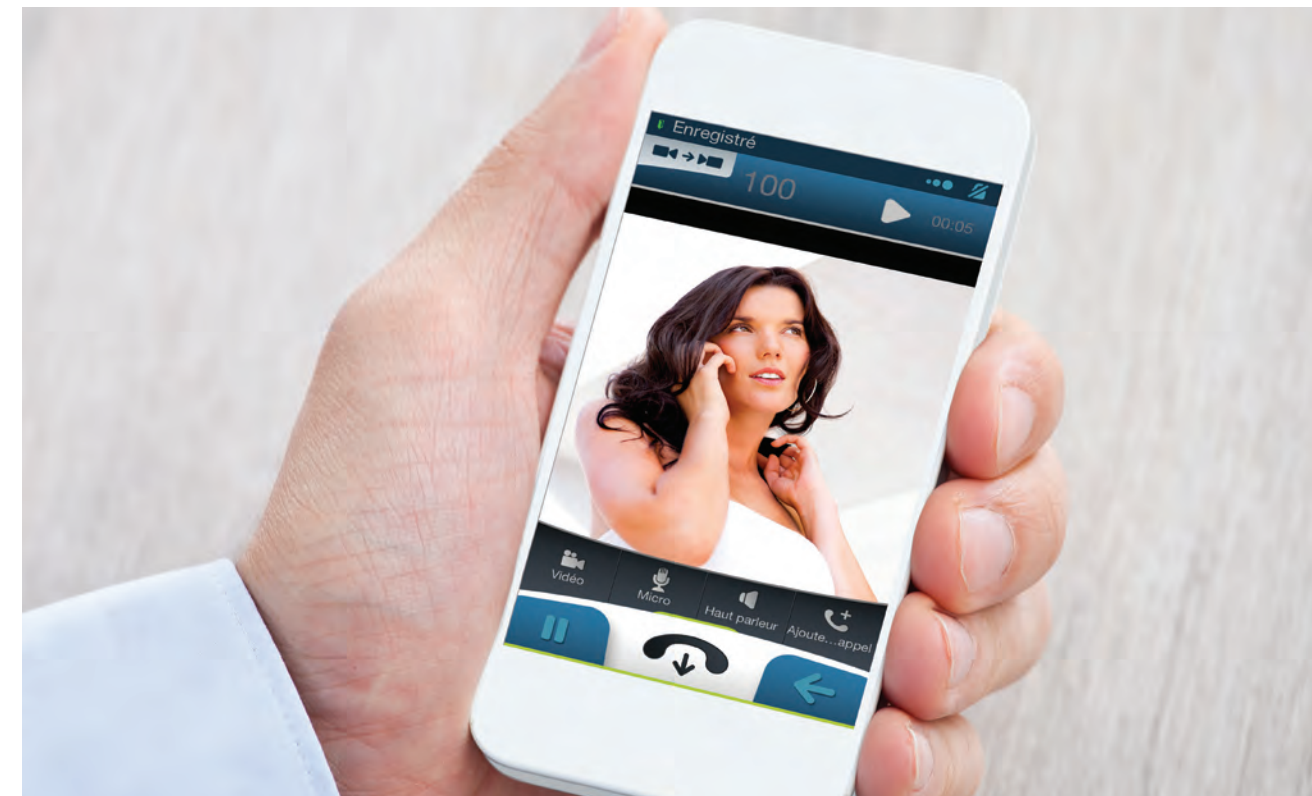
CONFIGURE THE APPLICATION ON SMARTPHONE(S)

User-friendly setting up (intuitive manual provided)
Benefit of 1 hour telephone assistance (included into the pack)

SEND BACK YOUR CONTRACT

To activate your account on our hosted SIP server

... VERY SIMPLE!

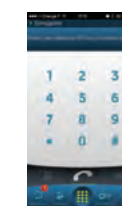


A COMPLETE PACKAGED "OUT-OF-THE-BOX" SOLUTION

> Full IP/SIP door entry station pre-set by Castel, application, SIP hosting on our servers (Castel Cloud), 1 hour telephone assistance



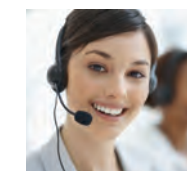
IP INTERCOM



CASTEL SIP



SIP HOSTING



ASSISTANCE

BEST GUARANTY TO REACH THE CORRESPONDENT

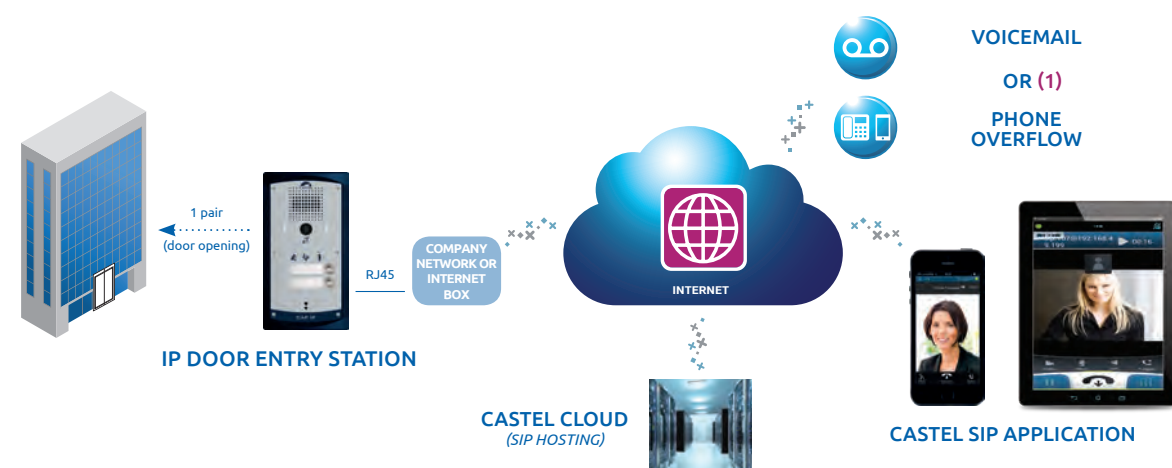
> push Notification mechanism allows the user to be notified when a call is coming in even if the application is not active
> in case of a rejected call, non-reception or device off, it is possible to leave a voice mail message on a answering machine which comes directly to the contacted person mail box (audio file attached)

AN ANSWER FOR EVERY NEED

> various intercom models are available, all DDA compliant
> available for iPhone®, iPad® or Android® devices
> through Wi-Fi and 3G/4G



SCHEMATIC



(1) In case of a rejected call, non-reception or device off, it is possible to leave a voice mail message on a answering machine which comes directly to the contacted person mail box (audio file attached). You can also (optional function) overflow the call from the door entry station to GSM or landline phone numbers (only available in metropolitan France).

PACKS



CASTEL SIP PACK V1B

Audio video Full IP/SIP door entry station with 1 call button - DDA compliant - PoE power supply
2 SIP extensions: for the door entry station and for the Smartphone or tablet
Door entry station pre-set by Castel + 1 hour telephone assistance
REF **560.8000**



CASTEL SIP PACK V2B

Audio video Full IP/SIP door entry station with 2 call buttons - DDA compliant - PoE power supply
3 SIP extensions: for the door entry station and for two Smartphones or tablets
Door entry station pre-set by Castel + 1 hour telephone assistance
REF **560.8100**



CASTEL SIP PACK V3B

Audio video Full IP/SIP door entry station with 3 call buttons - DDA compliant - PoE power supply
4 SIP extensions: for the door entry station and for three Smartphones or tablets
Door entry station pre-set by Castel + 1 hour telephone assistance
REF **560.8200**



CASTEL SIP PACK V4B

Audio video Full IP/SIP door entry station with 4 call buttons - DDA compliant - PoE power supply
5 SIP extensions: for the door entry station and for four Smartphones or tablets
Door entry station pre-set by Castel + 1 hour telephone assistance
REF **560.8300**



CASTEL SIP PACK VPAD

Audio video Full IP/SIP door entry station with selectable list name and 1 call button - DDA compliant - PoE power supply
10 SIP extensions: for the door entry station and for nine Smartphones or tablets
Door entry station pre-set by Castel + 1 hour telephone assistance
REF **560.8400**



CASTEL SIP PACK V1B CLAV

Audio video Full IP/SIP door entry station with 1 call button and keyboard - DDA compliant - PoE power supply
2 SIP extensions: for the door entry station and for the Smartphone or tablet
Door entry station pre-set by Castel + 1 hour telephone assistance
REF **560.8700**



CASTEL SIP PACK V1B MI/C

Audio video Full IP/SIP door entry station with 1 call button and Mifare reader - DDA compliant - PoE power supply + 5 Mifare key-rings
2 SIP extensions: for the door entry station and for the Smartphone or tablet
Door entry station pre-set by Castel + 1 hour telephone assistance
REF **560.8800**



CASTEL SIP PACK 1EXT

1 additional SIP extension (only with the SIP packs)
REF **560.8500**

ACCESSORIES (OPTION)

REPORT TEL 10

Door entry station call overflow to 1 to 10 GSM or landline phone numbers (for 5 years) - only available in metropolitan France
REF **545.0010**

REPORT TEL 50

Door entry station call overflow to 11 to 50 GSM or landline phone numbers (for 5 years) - only available in metropolitan France
REF **545.0020**

CEINTURE 250

Stainless-steel anti-tear housing (surfacemounting) for door entry stations 250 mm height (door entry stations from 1 to 4 calling buttons)
REF **560.9200**

CEINTURE 350

Stainless-steel anti-tear housing (surfacemounting) for door entry stations 350 mm height (door entry stations with selectable list name, with keyboard, with reader)
REF **560.9300**

A24V-0A7-F

Power supply 24VDC 1A wire plug: if the door entry station is not PoE powered
REF **110.9000**

A24V-2A

Cutting power supply on din track 24VDC 2A: if the door entry station is not PoE powered
REF **110.9100**



ARCH-IP

THE FIRST RANGE OF IP INTERCOMS 100% CUSTOMISABLE ...

CASTEL has always stressed the importance in developing custom-made products with clear added value by taking into account technical constraints and functional expectations of the customer.

CASTEL goes now further by creating a range of IP intercoms which design is entirely customisable.

- > A unique concept in the intercom market share
- > Aesthetic customisation where the only limit is your imagination
- > A range of products that combines CASTEL expertise in safety and functionality
- > Optimised price and product availability thanks to the flexibility of our organisation and to our close relation with our national suppliers

With the range ARCH-IP, CASTEL seeks a solution that matches perfectly intercom systems to your construction or renovation architectural projects and also to meet the expectations of the most demanding customers concerned to enhance their image through the intercom they choose.



SELECTING PAINT

- > RAL colour chart (more than 200 possible colours)



PICTOGRAM CUSTOMISATION

- > Silkscreen in the colour of your choice
- > Simple or coloured engraving

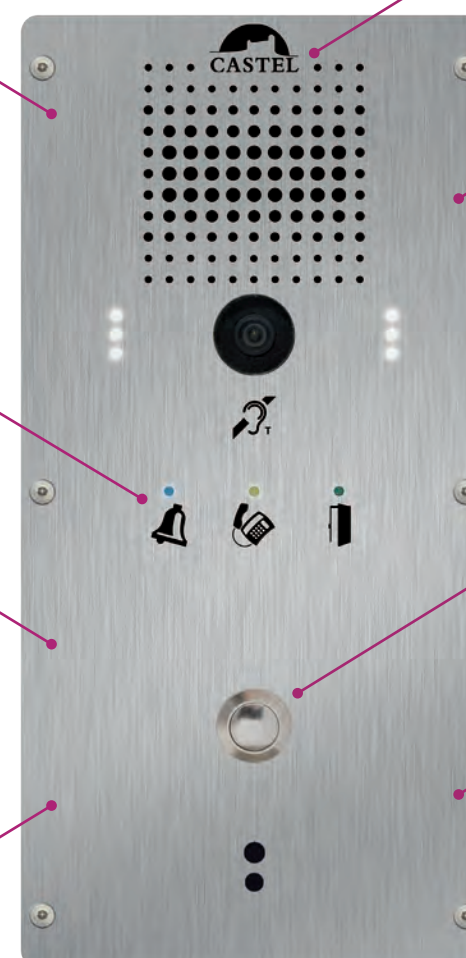
APPLICATION OF SPECIFIC TREATMENT

- > PVD (Physical Vapor Deposition) in golden, silver, bronze or black
- > Chemical etching in matching tones or in a different colour



INTERCOM SHAPE CUSTOMISATION

- > According to the shape, after a feasibility study



LOGO CUSTOMISATION

- > Silkscreen in the colour of your choice
- > Simple or coloured engraving

SELECTING MATERIAL

- > Mirror-polished or brushed brass
- > Stainless steel

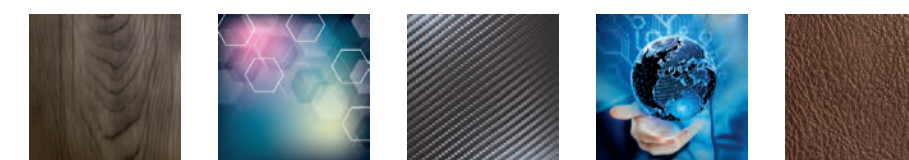


SELECTING BUTTONS AND SCREW COLOURS

- > Stainless steel, black chromium, brass

DIGITAL PRINTING DIRECTLY ON STAINLESS STEEL

- > Limitless customisation (picture, company's graphic chart, material-effect imitation ...)



... TAKING INTO ACCOUNT AESTHETIC
AND FUNCTIONAL EXPECTATIONS
OF THE MOST DEMANDING CUSTOMERS.



Digital and analog intercom

INTERCOMMUNICATION FLEXIBILITY
COMBINED WITH MULTI-NETWORK STRENGTH

maylis

Maylis is a complete bus/star network connection intercommunication system which uses the latest digital technologies that are the result of CASTEL's 40 years' experience to respond to the most diverse requirements.

STANDARD QUOTES AND SCHEMATICS
(SEE PAGES 60-61)



Complete intercommunication between stations using simplex, half-duplex and full duplex

Programmed touch or keypad calling

Call multi-functions: group calls, general calls, call privacy, priority management, call waiting, forwarding, automatic redial, busy over-ride, «do not disturb», «follow me», conferencing, transfers, etc.

Local or remote control (barriers, release, etc.)

Level adjustment (phone and ring tone)

Line monitoring

PC supervision and configuration

Centrals network connection

Selectable list name index with alphanumeric display and direct dialling

M Hyb IP: remote site IP interfacing, SIP telephone network connection, VDIP Evolution range and CAP IP, XELLIP intercom stations compatible

Optional: telephone forwarding, messaging service, sound diffusion (music, alarms, etc.), ambient noise detection, etc.



Main applications

Access, security and service intercom (intercommunication): tertiary industry and industrial sites, hospital centres, retirement homes, laboratories, industrial kitchens, high-rise buildings, public buildings, car parks, motorway toll booths, ports, theatres, lifts, fold-away city terminals, military sites, prisons, etc., and many other customised applications.

Main benefits

CASTEL's bus-star authorised network connections, expertise and intercom strong points

Strength communication, flexible, easy to install, use and update, large range of peripherals (desk stations, door entry stations, industrial stations, water proof, easy to clean, DDA compliant stations, etc.).

Hybrid IP and digital technology

IP / SIP interface to combine our digital and IP ranges. With its multi-protocol IP/SIP management, Maylis can interface with SIP telephones, as well as with stations in the XELLIP, CAP IP and VDIP Evolution ranges.

System resources

Intercommunication totale (plus de 1000 postes), 20 voies de communications simultanées, téléalimentation des postes.

Tailor made maintenance

A rack with standard cards, detection and line fault signalling, programming and installation monitoring on a computer.

Multi-network

Coupling, optical links, IP centrals interfacing with video multiplexer, people seeking, options for creating communication sub-networks with priority call management.

Intra-departmental communication security

Software and configuration

- configured to various network units (central, card, station, etc.)
- station configuration and testing
- station and network connection configuration printing
- history functions
- station emulation
- network connection backup
- shared access network connection



Configuration software (Castel Pilot)



CASTEL Supervisor

Digital	Bus and/or star wiring	Intern or distant remote control (barrier, door release)	Full duplex Half duplex Simplex	IP interface (M Hyb IP)	XELLIP, CAP IP, VDIP Evolution compatible	DDA stations compliant
Wiring: 3 pairs 9/10	Full intercommunication between all stations	Lines monitoring	DSP technology	SIP compatible	Configuration software	Supervision software





Digital and analog intercom

MASTER STATIONS



MP

Maylis master station
REF 440.2000-1

- > Desktop or wall mount station
- > LCD display (2 lines x 16 characters)
- > Numeric keypad and functions keys
- > 11 keys and 1 programmable relay
- > ABS case
- > IP40 rating
- > 15V to 30V power supply (through central or external)
- > H 265 mm x W 138 mm x D 70 mm



MPP

Maylis master station build-in version
REF 440.2100-1

- > Flush or surface mounted
- > LCD display (2 lines x 16 characters)
- > Numeric keypad and functions keys
- > 11 keys and 1 programmable relay
- > Anodized aluminium front panel
- > IP40 rating
- > 15V to 30V power supply (through central or external)
- > H 280 mm x W 170 mm x D 2 mm (flush-mounted with flush box D 47 mm)
- H 282.5 mm x W 172.5 mm x D 65 mm (surface-mounted with optional MKSP surface box)

MASTER STATIONS FOR INDUSTRIAL SECTOR



MPE

Maylis master station waterproof version
REF 440.2200-1

- > Flush or surface mounted
- > LCD display (2 lines x 16 characters)
- > Numeric keypad and functions keys
- > 11 keys and 1 programmable relay
- > Stainless steel polished front panel
- > IP66 rating
- > 15V to 30V power supply (through central or external)
- > H 280 mm x W 170 mm x D 2 mm (flush-mounted with flush box D 47 mm)
- H 282.5 mm x W 172.5 mm x D 65 mm (surface-mounted with surface box)

MPE ENV BRUYANT

Maylis master station waterproof version with gooseneck microphone and noise canceling board integrated - for noisy environment
REF 440.2220

MASTER STATION FOR MEDICAL SECTOR



MED

Waterproof Disinfectant-resistant Maylis master station
REF 440.2300-1

- > Flush or surface mounted
- > LCD display (2 lines x 16 characters)
- > Numeric keypad and functions keys
- > 6 keys and 1 programmable relay
- > Disinfectant-resistant polyester front panel
- > IP64 rating
- > 15V to 30V power supply (through central or external)
- > H 280 mm x W 130 mm x D 2 mm (flush-mounted with flush box D 47 mm)
- H 282.5 mm x W 132.5 mm x D 65 mm (surface-mounted with optional MKMED surface box)

SLAVE STATIONS



MSB4

4 keys Maylis slave station
REF 440.2400-1

- > Desktop or wall mount station
- > Numeric keypad and functions keys
- > 4 programmable keys
- > 1 programmable relay
- > ABS case
- > IP40 rating
- > 15V to 30V power supply (through central or external)
- > H 265 mm x W 138 mm x D 70 mm

MSP4

4 keys Maylis build-in slave station
REF 440.2500-1



MSPI1

1 call button Maylis slave station
REF 440.0500

- > Flush or surface mounted
- > 1 call button and label
- > 1 programmable relay
- > Aluminium front panel
- > IP54 rating
- > 15V to 30V power supply (through central or external)
- > H 176,5 mm x W 97,5 mm x D 2 mm (flush-mounted with flush box D 45 mm)
- H 196 mm x W 109 mm x D 55 mm (surface-mounted with surface box)

MSPI1 ROUGE H 180

1 call button Maylis slave station - red front panel
REF 440.0550

MSPI1 AV

1 call button vandal resistant Maylis slave station
REF 440.0600



MSPI1H AV

Vandal resistant slave station 1 call button with handicap logo
REF 440.0700

- > Vandal resistant designed
- > Flush or surface mounted
- > 1 call button
- > 1 programmable relay
- > Stainless steel front panel with handicap logo
- > IP54 rating
- > 15V to 30V power supply (through central or external)
- > H 176,5 mm x W 97,5 mm x D 2 mm (flush-mounted with flush box D 45 mm)
- H 196 mm x W 109 mm x D 55 mm (surface-mounted with surface box)



MSPIDH 1B

1 call button Maylis slave station DDA compliant
REF 440.8000

- > Stainless steel 316 L vandal proof front panel
- > 1 call button and label
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > 15V to 30V power supply (through central or external)
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 250 mm x W 135 mm x D 54.5 mm (surface-mounted)

MSPIDH V1B

With colour video camera version
REF 440.8500



MSPIDH 2B

2 call buttons Maylis slave station DDA compliant
REF 440.8100

- > Stainless steel 316 L vandal proof front panel
- > 2 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > 15V to 30V power supply (through central or external)
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 250 mm x W 135 mm x D 54.5 mm (surface-mounted)

MSPIDH V2B

With colour video camera version
REF 440.8600



MSPIDH 4B

4 call buttons Maylis slave station DDA compliant
REF 440.8200

- > Stainless steel 316 L vandal proof front panel
- > 4 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > 15V to 30V power supply (through central or external)
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

MSPIDH V4B

With colour video camera version
REF 440.8700





Digital and analog intercom

SLAVE STATIONS FOR INDUSTRIAL SECTOR



MSE1

1 call button waterproof Maylis slave station

REF 440.1900-1

- > Flush or surface mounted
- > 1 call button
- > 1 programmable relay
- > 8 Watts HP power
- > Stainless steel polished front panel
- > IP66 rating
- > 15V to 30V power supply (through central or external)
- > H 280 mm x W 130 mm x P D mm (flush-mounted with flush box D 47 mm)
- H 282.5 mm x W 132.5 mm x D 65 mm (surface-mounted with surface box)



MSE4

4 keys waterproof Maylis slave station

REF 440.2600-1

- > Flush or surface mounted
- > 4 programmable keys
- > 1 programmable relay
- > Stainless steel polished front panel
- > IP66 rating
- > 15V to 30V power supply (through central or external)
- > H 280 mm x W 170 mm x D 2 mm (flush-mounted with flush box D 47 mm)
- H 282.5 mm x W 172.5 mm x D 65 mm (surface-mounted with surface box)



MSE1 ATEX BRUYANT

Waterproof Maylis slave station with 1 call button - ATEX version

REF 440.1925

- > Designed for explosive environment according to 94/9/CE (ATEX EE xd II BT6 II2G)
- > 1 call button
- > Noise cancelling board for noisy environment
- > Orange aluminium front panel
- > IP66 rating
- > Power supply 15V to 30V (from central or external)
- > H 350 mm x W 215 mm x D 190 mm (surface mounting)

MSE1 ENV BRUYANT

1 call button waterproof Maylis slave station with noise canceling board integrated - for noisy environment

REF 440.1920

MSE4 ENV BRUYANT

4 keys waterproof Maylis slave station with gooseneck microphone and noise canceling board integrated - for noisy environment

REF 440.2620

STATIONS FOR HELP POINTS ASSISTANCE / SHELTERS

CASTEL has many intercom stations references for call points and can also make specific developments in order to fit your needs as closely as possible.



MSPI2 AV-HELP

Vandal resistant slave station 1 call button with induction loop

REF 440.0210

- > Vandal resistant designed
- > Stainless steel front panel
- > 1 call button illuminated
- > SOS inscription
- > 2 leds for DDA compliance
- > Integrated induction loop
- > IP66 rating
- > 15V to 30V power supply (through central or external)
- > H 280 mm x W 130 mm x D 2 mm (flush-mounted with flush box D 47 mm)
- H 282,5 mm x W 132,5 mm x D 65 mm (surface-mounted with surface box)



MSPI1 AV-HELP

Vandal resistant slave station 1 call button with induction loop

REF 440.0110

- > Vandal resistant designed
- > Stainless steel front panel
- > 1 call button illuminated
- > SOS inscription
- > 2 leds for DDA compliance
- > Integrated induction loop
- > IP66 rating
- > 15V to 30V power supply (through central or external)
- > H 280 mm x W 130 mm x D 2 mm (flush-mounted with flush box D 47 mm)
- H 282,5 mm x W 132,5 mm x D 65 mm (surface-mounted with surface box)

REFUGE AREAS INTERCOM READY TO USE PACKS



MSPI1 EAS

1 call button Maylis slave station, for waiting room

REF 440.0300

- > Flush or surface mounted
- > 1 call button
- > Stainless steel green front panel
- > Specific pictogram
- > IP54 rating
- > 15V to 30V power supply (through central or external)
- > H 176,5 mm x W 97,5 mm x D 2 mm (flush-mounted with flush box D 45 mm)
- H 196 mm x W 109 mm x D 55 mm (surface-mounted with surface box)

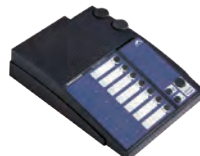


PACKS PC EAS

PC EAS packs have been specially designed for refuge areas (waiting rooms) in public buildings.

Find our PC EAS packs on page 61.

- > An all in one, ready to use solution (door entry station, reception station, power supply)
- > Compliant with French fire safety regulations for public buildings
- > Different packs available (depending on the number of call stations required)



STATIONS FOR PRISON SECTOR

CASTEL has developed more than fifty intercom stations and door frame intercom kits, to answer all the prisons needs (cell, security and access intercom, counter intercom, visiting rooms intercom, etc.).



MSPI1 AV-CELL1

Maylis vandal resistant slave stations - cell /corridor

REF 100346

- > Composed by one cell station and one corridor station
- > Vandal proof conception, stainless steel front panel
- > 1 call button with signalisation led, 2 light buttons (cell and shower) on the cell station
- > 1 acknowledgement button and 1 light button (night-light) on the corridor station
- > IK09 rating
- > 15V to 30V power supply (through central or external)
- > H 220 mm x W 120 mm x D 2 mm (Flush mounted - flush mounting D: cell station 45 mm - corridor station 60 mm)



MSPI1 AV-CELL2

Maylis vandal resistant slave stations - cell /corridor

REF 101166

- > Composed by one cell station and one corridor station
- > Vandal proof conception, stainless steel front panel
- > 1 call button with signalisation led, 1 light button on the cell station 1 acknowledgement button and 1 light button on the corridor station
- > IK09 rating
- > 15V to 30V power supply (through central or external)
- > H 210 mm x W 110 mm x D 2 mm (Flush mounted - flush mounting D: cell station 70 mm - corridor station 35 mm)



MSPI1 AV-CELL3

Maylis vandal resistant slave stations - cell /corridor

REF 101257 and 101263

- > Composed by one cell station and one corridor station
- > Vandal proof conception, stainless steel front panel
- > 1 call button with signalisation led on the cell station
- > 1 acknowledgement lock and 1 light button (night-light) on the corridor station
- > IK09 rating
- > 15V to 30V power supply (through central or external)
- > H 190 mm x W 70 mm x D 2 mm (Flushed mounted - flush mounting D: cell station 128 mm - corridor station 40 mm)

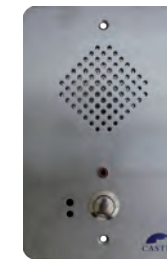


MSK1 AV-CELL

Maylis slave station kit - cell /corridor

REF 100366

- > Kit with board on steel plate
- > 1 call button with signalisation led, 1 acknowledgement remote button on the corridor side
- > Light buttons holes (cell and corridor sides)
- > 15V to 30V power supply (through central or external)
- > H 200 mm x W 96 mm x D 56 mm



MSPI1 AV-LIAISON

Maylis vandal resistant slave station for access intercom (corridor grids)

REF 440.0650

- > Vandal proof conception, stainless steel front panel
- > 1 call button with signalisation led
- > IP54 - IK09 rating
- > 15V to 30V power supply (through central or external)
- > H 157mm x W 98 mm x D 2 mm (flush-mounted with flush box D 55 mm)
- H 160 mm x W 100 mm x D 47 mm (surface-mounted with surface box)
- > Optional mounting kit REF 490.4400



MSPI1 AV-CELL-RADIO

Maylis vandal resistant slave station with radio

REF 480.8400

- > Vandal proof conception, stainless steel front panel
- > Flush-mounted or surface-mounted
- > 1 call button with led signal
- > 1 radio activation button
- > 2 keys for volume management
- > IK09 rating
- > Power supply 15V to 30V (from central or external)
- > H 220 mm x W 120 mm x D 50 mm



MSPI1 AV-CELL SENSITIVE TOUCH

Maylis vandal resistant slave station with sensitive front panel for emergency calls

REF 101797

- > Vandal proof conception, stainless steel front panel
- > Sensitive front panel allowing emergency call, just putting hand on front panel (Call condition : door opened using door contact)
- > 1 call button with led signal
- > IP54 - IK09 rating
- > Power supply 15V to 30V (from central or external)
- > Surface-mounted with surface box option
- > H 220 mm x W 120 mm D 52 mm



Digital and analog intercom

⚙️ KITS



MSK1

Maylis slave station kit
REF 440.3300-1

- > Kit with ABS box
- > Separate microphone, loud speaker and call button
- > 1 programmable relay
- > IP40 rating
- > 15V to 30V power supply (through central or external)
- > H 154 mm x W 73 mm x D 43 mm



MSK ASC

Maylis intercom kit for lifts
REF 440.9000

- > Lift standards compliant EN 81-28
- > Kit with board integrated in a steel case
- > Remote microphone, integrated loudspeaker (remote loudspeaker possibility)
- > Induction loop
- > IP40 rating
- > 15V to 30V power supply (through central or external)
- > H 272 mm x W 105 mm x D 40,5 mm

⚙️ CENTRALISATION



MCB

Main 40 lines central
REF 440.3500

- > Wall mounted
- > Equipped with 8 lines
- > Main central upgradable to 40 lines
- > Expandable to 400 lines with 9 extension central
- > Bus and/or star wiring
- > Software and setup module provided
- > Metal housing with wall mounted hooks
- > 230V power supply (through connectors) or 24V
- > H 450 mm x W 380 mm x D 150 mm



MCE

Extension 40 lines central
REF 440.3700

- > Wall mounted
- > Equipped with 8 lines
- > Expandable to 40 lines
- > Bus and/or star wiring
- > Metal housing with wall mounted hooks
- > 230V power supply (through connectors or 24V)
- > H 450 mm x W 380 mm x D 150 mm

MCE-R

Extension 40 lines central - rackable version (3U)
REF 440.5400



MCB8

8 lines main central
REF 440.0900

- > Wall mounted
- > 8 lines equipped
- > Bus and/or star wiring
- > Software and setup module provided
- > ABS housing with wall mounted hooks
- > Included 24V power supply
- > H 210 mm x W 160 mm x D 80 mm

MCB-R

Main 40 lines central - rackable version (3U)
REF 440.4400



M-HYB-IP-BOX 4L

Hybrid numeric and IP 4 lines central
REF 440.0950

- > Metal case with DIN rail mounting
- > 4 lines
- > Bus cabling and/or star cabling and/or IP
- > SIP interfacing numeric and IP ranges of products
- > Web server for configuration and management
- > Built in IP Switch
- > Included 24V power supply
- > H 185 mm x W 105 mm x D 85 mm

M-HYB-IP-BOX 8L

Hybrid analog and IP 8 lines central
REF 440.0960



MC4L

4 lines extension card for Maylis central
REF 440.3600



MT4E4

4 inputs 4 outputs card for Maylis central
REF 440.4800

⚙️ OPTIONS

MT2

2 additional remote control module
REF 440.5200

MKSP

Surface mounting kit for Maylis build-in master station
REF 440.2800

MDIRD

Electret gooseneck microphone option for Maylis range
REF 490.0000

ML

Software and setup module for Maylis system
REF 440.4500

MKMED

Surface mounting kit for Maylis MED
REF 440.3100

CEINTURE 250

Stainless-steel anti-tear housing (surface-mounting) for MSPIDH intercom stations - H 250 mm
REF 560.9200

CEINTURE 350

Stainless-steel anti-tear housing (surface-mounting) for MSPIDH intercom stations - H 350 mm
REF 560.9300

⚙️ POWER SUPPLIES

A15V-0A4-J

Power supply 15VDC 400mA - Jack plug
REF 440.7100

A24V-2A

Cutting power supply on din track
24VDC 2A
REF 110.9100

A24V-3A-S

24VDC 3A saved power supply - battery 2.1 Ah
REF 440.4900-1

⚙️ INTERFACES



M-HYB-IP-RACK

Maylis to TCP/IP network interface - Rackable version
REF 440.5750

- > Rackable PCB easily plugged in Maylis system central (MCB / MCB8)
- > Connection between Maylis central using IP network
- > SIP interfacing numeric and IP ranges of products
- > 20 simultaneous communications
- > Built in IP switch
- > Web server for configuration and management
- > Powered by central



MRT

Telephone forward Maylis interface
REF 440.1800

- > Wall mounted
- > Interface to PSTN
- > Calling from Maylis stations to telephones
- > Calling from telephones to Maylis station
- > Setup and management through software
- > ABS housing
- > 15V to 30V power supply (through central or external)
- > H 210 mm x W 160 mm x D 80 mm

⚙️ SOFTWARE AND SERVER



CASTEL SUPERVISOR

Supervision software
REF 110.8300

- > Visualise and archive events as communication, incoming /outgoing call, call waiting, relay state, forwarding state
- > Visualisation towards synoptic and/or continuous feed
- > Call forwarding regarding time slots
- > Compatibility with Windows XP, 7, Server 2003, Server 2008
- > Compatibility with Oracle et SQL Server database
- > Multiuser software (no station licence) on a fully secured internet connection



SERVEUR MAYLIS

Computer server hosting Maylis system for configuration and exploitation
REF 440.7000

- > Computer server hosting applications Castel Pilot and Castel Supervisor
- > Material support on server at D+1 included
- > Castel technical support contract available for 2 years to the final client (free the first year - material warranty - and service fee the second year)
- > H 42,4 mm x W 434 mm x D 394 mm (rackable 1U black metallic case)





Digital and analog intercom

EXAMPLE GIVEN FOR QUOTE WITH SECURED WAITING ROOM INTERCOM (OR REFUGE AREAS)

for any other configuration or specific request, do not hesitate to contact our quote service (devis@castel.fr)

BUS ARCHITECTURE WITHOUT CENTRAL (UP TO 7 REFUGE AREA INTERCOMS)

Number of refuge area intercoms	REFUGE AREA INTERCOM			MASTER STATION	CENTRAL	OTHER	
	MSP11 EAS 1 call button Maylis slave station - green front panel 440.0300	MSP1DH 1B 1 call button Maylis slave station - DDA compliant 440.8000	MSP11 AV-HELP 1 call button Maylis slave station - with induction loop 440.0110	MP Maylis master station 440.2000-1	MCB8 8 lines main central 440.0900	ML Software and setup module for Maylis system 440.4500	A24V-3A-S 24VDC 3A saved power supply - battery 2.1 Ah 440.4900-1
1	1	1	1	1	0	1	1
2	2	2	2	1	0	1	1
3	3	3	3	1	0	1	1
4	4	4	4	1	0	1	1
5	5	5	5	1	0	1	1
6	6	6	6	1	0	1	1
7	7	7	7	1	0	1	1

STAR ARCHITECTURE WITH CENTRAL (UP TO 7 REFUGE AREA INTERCOMS)

Number of refuge area intercoms	REFUGE AREA INTERCOM			MASTER STATION	CENTRAL	OTHER	
	MSP11 EAS 1 call button Maylis slave station - green front panel 440.0300	MSP1DH 1B 1 call button Maylis slave station - DDA compliant 440.8000	MSP11 AV-HELP 1 call button Maylis slave station - with induction loop 440.0110	MP Maylis master station 440.2000-1	MCB8 8 lines main central 440.0900	ML Software and setup module for Maylis system 440.4500	A24V-3A-S 24VDC 3A saved power supply - battery 2.1 Ah 440.4900-1
1	1	1	1	1	1 (MLincluded)	0	1
2	2	2	2	1	1 (MLincluded)	0	1
3	3	3	3	1	1 (MLincluded)	0	1
4	4	4	4	1	1 (MLincluded)	0	1
5	5	5	5	1	1 (MLincluded)	0	1
6	6	6	6	1	1 (MLincluded)	0	1
7	7	7	7	1	1 (MLincluded)	0	1

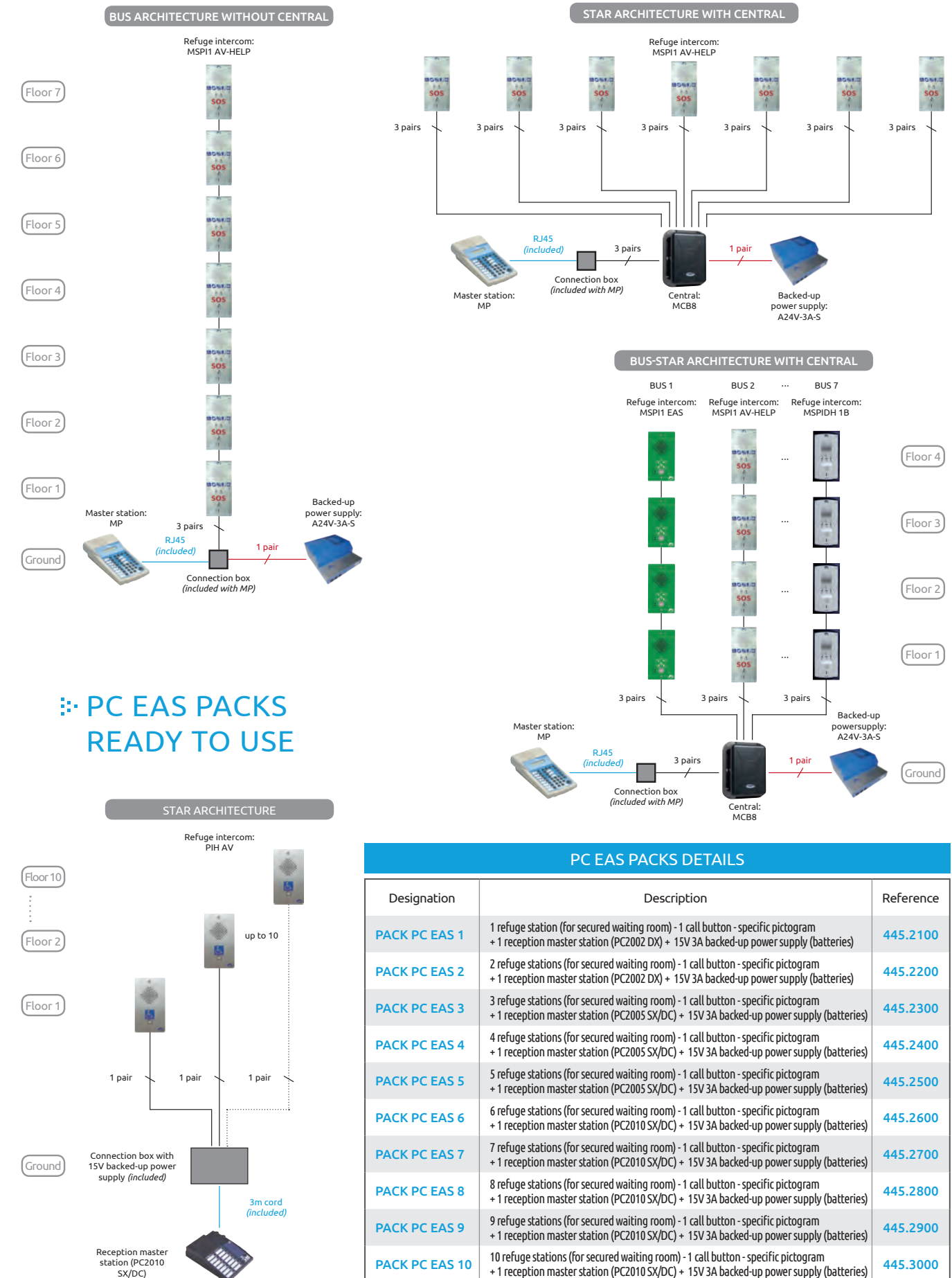
BUS-STAR ARCHITECTURE WITH CENTRAL (UP TO 28 REFUGE AREA INTERCOMS - 7 BUS OF 4)

Number of refuge area intercoms	REFUGE AREA INTERCOM			MASTER STATION	CENTRAL	OTHER	
	MSP11 EAS 1 call button Maylis slave station - green front panel 440.0300	MSP1DH 1B 1 call button Maylis slave station - DDA compliant 440.8000	MSP11 AV-HELP 1 call button Maylis slave station - with induction loop 440.0110	MP Maylis master station 440.2000-1	MCB8 8 lines main central 440.0900	ML Software and setup module for Maylis system 440.4500	A24V-3A-S 24VDC 3A saved power supply - battery 2.1 Ah 440.4900-1
1	1	1	1	1	1 (MLincluded)	0	1
2	2	2	2	1	1 (MLincluded)	0	1
3	3	3	3	1	1 (MLincluded)	0	1
4	4	4	4	1	1 (MLincluded)	0	1
5	5	5	5	1	1 (MLincluded)	0	1
6	6	6	6	1	1 (MLincluded)	0	1
7	7	7	7	1	1 (MLincluded)	0	1
...
28	28	28	28	1	1 (MLincluded)	0	1

ACCESSORIES

A24V-0A7-F	Power supply 24VDC 1A - wire plug	110.9000
KIT GRIFFES	Plasterboard mounting kit for MSP1DH 1B intercom station	560.9000
CEINTURE 250	Stainless-steel anti-tear housing (surface-mounting) for MSP1DH 1B intercom station	560.9200

SCHEMATICS



Recommended cables for the different architectures: 3 pairs (1 pair for power supply) 9/10 twisted shielded pair. Except PC EAS Packs: 1 pair.



Telephone intercom systems

TELEPHONE ACCESS CONTROL ENTRY STATIONS

CASTEL's telephone intercom systems make it easy to set up communication between a street entry station and a telephone station. Thanks to this high performance equipment, doors can be operated remotely to enable or prevent access into your building.

STANDARD QUOTES AND SCHEMATIC
(SEE PAGES 70-71)



Main applications

Tertiary industry and industrial buildings access, car park access, HGV access for logistics sites, day/night calls (hotel chains, chemists, emergency services, etc.), information terminals (pedestrian zones/ vehicle access), small residential buildings (caretaker calls, etc.), and many other customised applications available.

Main benefits

The interface with its own 230V supply connected to the entry system enables

- > Communication power supply of over 1 watt
- > Duplex hands-free conversation
- > Increased security (release control relay removed)

A pack always has an interface (IPS2) with 1 or 2 entry stations

- > Compatible with standard telephone networks
- > Compatible with all standard Telecom operators automatic exchanges

All functions can be fully programmed from a telephone station

(easy and flexible to use and program)

- > Automatic hang-up
- > Conversation length timing facility
- > Multi-Functional keypad (direct dial or keypad)
- > Automatic call transfer on each entry station
- > Direct release control relay from the telephone station
- > Advanced system

A solution compliant with disability regulations (DDA)

- > With telephone intercom stations fitted with colour video cameras, three pictograms viewed with coloured LEDs (or on graphic screen for PAD range), and audible messages
- > An induction loop is directly integrated into the CAPH range intercom stations (possibility to have a remote induction loop for PRIT range stations) and keypads have buttons with Braille



Speech access control (call a telephone number by pressing a call button, tapping out a number on the keypad or using the selectable list)

Remote control release

Automatic transfer if no response or line busy

Ambient noise reduction function

Independent release function

7 voice-synthesized messages may be recorded

Loud-speaker and microphone volume adjustment

Time delay adjustment for contact only release control

Time programming for day/night calls

Optional: additional remote controls, compatible with SIP telephone systems, 8 lines interface, etc.



PAD range



PRIT range

Analog	Interface for 1 or 2 entry stations	Compatible with standard phone networks	Duplex hands-free conversation	Configuration from a telephone
Wiring: 2 twisted pairs	Release control relay removed in the interface	Power supply by interface	Audio power over 1 watt	Time programming for day/night calls





Telephone intercom systems

⚙️ AUDIO VIDEO ENTRY STATIONS CAPH SERIES



CAPH V1B

Audio video entry station with 1 call button DDA compliant
REF 660.6000

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 1 call button and label
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > Powered by interface
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 250 mm x W 135 mm x D 54.5 mm (surface mounted)

CAPH V1B BRUIT

Audio video entry station with 1 call button DDA compliant with noise canceling board integrated
REF 660.6010



CAPH V2B

Audio video entry station with 2 call buttons DDA compliant
REF 660.6100

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 2 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > Powered by interface
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 250 mm x W 135 mm x D 54.5 mm (surface mounted)

CAPH V2B BRUIT

Audio video entry station with 2 call buttons DDA compliant with noise canceling board integrated
REF 660.6110



CAPH V3B

Audio video entry station with 3 call buttons DDA compliant
REF 660.6200

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 3 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > Powered by interface
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 250 mm x W 135 mm x D 54.5 mm (surface mounted)

CAPH V3B BRUIT

Audio video entry station with 3 call buttons DDA compliant with noise canceling board integrated
REF 660.6210



CAPH V4B

Audio video entry station with 4 call buttons DDA compliant
REF 660.6300

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 4 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > Powered by interface
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 250 mm x W 135 mm x D 54.5 mm (surface mounted)

CAPH V4B BRUIT

Audio video entry station with 4 call buttons DDA compliant with noise canceling board integrated
REF 660.6310



CAPH V6B

Audio video entry station with 6 call buttons DDA compliant
REF 660.6400

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 6 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > Powered by interface
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 350 mm x W 135 mm x D 54.5 mm (surface mounted)

CAPH V6B BRUIT

Audio video entry station with 6 call buttons DDA compliant with noise canceling board integrated
REF 660.6410



CAPH V10B

Audio video entry station with 10 call buttons DDA compliant
REF 660.6500

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 10 call buttons and labels
- > 3 leds for DDA compliance Integrated induction loop
- > IP64 - IK09 rating
- > Powered by interface
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 350 mm x W 135 mm x D 54.5 mm (surface mounted)

CAPH V10B BRUIT

Audio video entry station with 10 call buttons DDA compliant with noise canceling board integrated
REF 660.6510



CAPH V1B CLAV

Audio video entry station with 1 call button and keypad DDA compliant
REF 660.6600

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 1 call button and label
- > Numerical keypad for direct dial and access code, buttons with Braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK08 rating
- > Powered by interface
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

CAPH V1B CLAV BRUIT

Audio video entry station with 1 call button and keypad DDA compliant with noise canceling board integrated
REF 660.6610



CAPH V2B CLAV

Audio entry station with 2 call buttons and keypad DDA compliant
REF 660.6700

- > Stainless steel 316 L vandal proof front panel
- > Built-in colour video camera
- > 2 call buttons and labels
- > Numerical keypad for direct dial and access code, buttons with Braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK08 rating
- > Powered by interface
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

CAPH V2B CLAV BRUIT

Audio entry station with 2 call buttons and keypad DDA compliant with noise canceling board integrated
REF 660.6710

⚙️ AUDIO ENTRY STATIONS CAPH SERIES



CAPH 1B

Audio entry station with 1 call button DDA compliant
REF 660.0000

- > Stainless steel 316 L vandal proof front panel
- > 1 call button and label
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > Powered by interface
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 250 mm x W 135 mm x D 54.5 mm (surface mounted)

CAPH 1B BRUIT

Audio entry station with 1 call button DDA compliant with noise canceling board integrated
REF 660.0010



CAPH 2B

Audio entry station with 2 call buttons DDA compliant
REF 660.0100

- > Stainless steel 316 L vandal proof front panel
- > 2 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > Powered by interface
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 250 mm x W 135 mm x D 54.5 mm (surface mounted)

CAPH 2B BRUIT

Audio entry station with 2 call buttons DDA compliant with noise canceling board integrated
REF 660.0110



CAPH 3B

Audio entry station with 3 call buttons DDA compliant
REF 660.0200

- > Stainless steel 316 L vandal proof front panel
- > 3 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > Powered by interface
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 250 mm x W 135 mm x D 54.5 mm (surface mounted)

CAPH 3B BRUIT

Audio entry station with 3 call buttons DDA compliant with noise canceling board integrated
REF 660.0210





Telephone intercom systems

AUDIO ENTRY STATIONS CAPH SERIES



CAPH 4B

Audio entry station with 4 call buttons
DDA compliant
REF 660.0300

- > Stainless steel 316 L vandal proof front panel
- > 4 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > Powered by interface
- > H 250 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 250 mm x W 135 mm x D 54.5 mm (surface mounted)

CAPH 4B BRUIT

Audio entry station with 4 call buttons
DDA compliant with noise canceling board integrated
REF 660.0310



CAPH 1B CLAV

Audio entry station with 1 call button and keypad DDA compliant
REF 660.0600

- > Stainless steel 316 L vandal proof front panel
- > 1 call button and label
- > Numerical keypad for direct dial and access code, buttons with Braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK08 rating
- > Powered by interface
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

CAPH 1B CLAV BRUIT

Audio entry station with 1 call button and keypad DDA compliant with noise canceling board integrated
REF 660.0610



CAPH 6B

Audio entry station with 6 call buttons
DDA compliant
REF 660.0400

- > Stainless steel 316 L vandal proof front panel
- > 6 call buttons and labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK09 rating
- > Powered by interface
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 350 mm x W 135 mm x D 54.5 mm (surface mounted)

CAPH 6B BRUIT

Audio entry station with 6 call buttons
DDA compliant with noise canceling board integrated
REF 660.0410



CAPH 10B

Audio entry station with 10 call buttons
DDA compliant
REF 660.0500

- > Stainless steel 316 L vandal proof front panel
- > 10 call buttons and labels
- > 3 leds for DDA compliance Integrated induction loop
- > IP64 - IK09 rating
- > Powered by interface
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 350 mm x W 135 mm x D 54.5 mm (surface mounted)

CAPH 10B BRUIT

Audio entry station with 10 call buttons
DDA compliant with noise canceling board integrated
REF 660.0510



CAPH 2B CLAV

Audio entry station with 2 call buttons and keypad DDA compliant
REF 660.0700

- > Stainless steel 316 L vandal proof front panel
- > 2 call buttons and labels
- > Numerical keypad for direct dial and access code, buttons with Braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP64 - IK08 rating
- > Powered by interface
- > H 350 mm x W 135 mm x D 14.5 mm (flush-mounted with flush box D 40 mm)
- H 350 mm x W 135 mm x D 54.5 mm (surface-mounted)

CAPH 2B CLAV BRUIT

Audio entry station with 2 call buttons and keypad DDA compliant with noise canceling board integrated
REF 660.0710

AUDIO AND AUDIO VIDEO ENTRY STATIONS PRIT SERIES



PRIT

Audio entry station with 1 call button
REF 650.4000

- > Aluminium front panel
- > 1 call button and label
- > IP54 rating
- > Powered by interface
- > 157 mm x W 98 mm x D 2 mm (flush-mounted with flush box D 35 mm)
- H 160 mm x W 100 mm x D 47 mm (surface-mounted with surface box)

PRIT FACE AV ROUGE

Audio entry station with 1 call button and red front panel
REF 650.4050



PRIT AV

Vandal-resistant audio entry station with 1 call button
REF 650.4100

- > Stainless steel front panel
- > 1 call button
- > IP54-IK09 rating
- > Powered by interface
- > H 157 mm x W 98 mm x D 2 mm (flush-mounted with flush box D 35 mm)
- H 160 mm x W 100 mm x D 47 mm (surface-mounted with surface box)



PRIT AVNH

Vandal-resistant audio entry station with 1 call button DDA compliant
REF 650.4200

- > Stainless steel front panel
- > 1 call button
- > 3 leds for DDA compliance
- > IP54-IK09 rating
- > Powered by interface
- > H 176.5 mm x W 97.5 mm x D 2 mm (flush-mounted with flush box D 45 mm)
- H 196 mm x W 109 mm x D 55 mm (surface-mounted with surface box)



PRIT AVNH V

Vandal-resistant audio video entry station with 1 call button DDA compliant
REF 650.4600

- > Stainless steel front panel
- > 1 call button
- > 3 leds for DDA compliance
- > Integrated colour video camera
- > IP54-IK09 rating
- > Powered by interface
- > H 176.5 mm x W 97.5 mm x D 2 mm (flush-mounted with flush box D 45 mm)
- H 196 mm x W 109 mm x D 55 mm (surface-mounted with surface box)





Telephone intercom systems

INTERFACES (FOR CAPH AND PRIT SERIES)



IPS2

Interface for PS-PABX connection
REF **650.1000**

- > Manage 1 or 2 entry stations
- > Opening lock by the phone
- > Direct call or call forwarding
- > 7 customisable voice messages
- > Compatible SIP via interfac (REF XELLIP TRANSFER)
- > Ambient noise reduction function
- > Power supply 28V included
- > H 210 mm x W 160 mm x D 80 mm



IPS H

Interface for PS-PABX connexion
with clock for 1 entry station
REF **650.1200**



IPS2 T*

Interface for PS-PABX connection
with 8 remote controls option
REF **650.1300**



IPS 8L*

Interface for PS-PABX connection
with 8 lines (different PABX)
REF **650.1400**



IPS2 8T8L*

Interface for PS-PABX connection
with 8 remote controls and 8 lines
option
REF **650.1500**

*Works only with PRIT and PRIT AV entry stations

ACCESSORIES

KIT GRIFFES

Mounting kit for installation on
plasterboard - for CAPH intercom
stations
REF **560.9000**

CEINTURE 250

Stainless-steel anti-tear housing
(surface-mounting) for CAPH intercom
stations - H 250 mm
REF **560.9200**

CEINTURE 350

Stainless-steel anti-tear housing
(surface-mounting) for CAPH intercom
stations - H 350 mm
REF **560.9300**

FOND ENCASTREMENT

Stainless-steel flush-mounting bottom
for PRIT AVNH and PRIT AVNH V
intercom stations
REF **490.4600**

CEINTURE INOX

Black stainless-steel surface-mounting
housing for PRIT AVNH and PRIT AVNH
V intercom stations
REF **490.4500**

CAPH REP

Index box 32 names capacity
REF **660.9000**

AUDIO AND AUDIO VIDEO ENTRY STATIONS PAD SERIES

Work without IPS2 interface



PAD AUDIO

Audio entry station with names scrolling and keypad
REF **650.2700**

- > Vandal-resistant designed, stainless steel front panel
- > Numerical keypad for direct dial and access code, buttons with Braille
- > 3 keys for names scrolling
- > Graphic display
- > Configuration by PC software included (via modem REF 650.1800 not included)
- > IP54 rating
- > Power supply 24V included (REF A24V-2A)
- > H 360 mm x W 175 mm x D 2.5 mm (flush-mounted with flush box D 60 mm)

KIT SAILLIE PAD AUDIO

Surface mounting kit for PAD Audio
REF **650.9500**



PAD VIDEO

Audio video entry station with names scrolling and keypad
REF **650.2900**

- > Vandal-resistant designed, stainless steel front panel
- > Integrated colour video camera
- > Numerical keypad for direct dial and access code, buttons with Braille
- > 3 keys for names scrolling
- > Graphic display
- > Configuration by PC software included (via modem REF 650.1800 not included)
- > IP54 rating
- > Power supply 24V included (REF A24V-2A)
- > H 430 mm x W 175 mm x D 2.5 mm (flush-mounted with flush box D 60 mm)

KIT SAILLIE PAD VIDEO

Surface mounting kit for PAD Video
REF **650.9600**



Telephone intercom systems

EXAMPLE GIVEN FOR QUOTE WITH 1 ACCESS

for any other configuration or specific request, do not hesitate to contact our quote service (devis@castel.fr)

AUDIO VIDEO INTERCOMS

AUDIO VIDEO INTERCOM								INTERFACE
Number of stations to call	PRIT AVNH V 1 call button intercom without induction loop 650.4600	CAPH V1B 1 call button intercom with induction loop 660.6000	CAPH V2B 2 call buttons intercom with induction loop 660.6100	CAPH V3B 3 call buttons intercom with induction loop 660.6200	CAPH V4B 4 call buttons intercom with induction loop 660.6300	CAPH V6B 6 call buttons intercom with induction loop 660.6400	CAPH V10B 10 call buttons intercom with induction loop 660.6500	IPS2 Interface for PS-PABX connection 650.1000
1	1	OR 1						1
2			1					1
3				1				1
4					1			1
5						1		1
6						1		1
7							1	1
8							1	1
9							1	1
10							1	1

ACCESSORIES

BOUCLE INDUCTION	Remote induction loop for PRIT AVNH and PRIT AVNH V units. 24V power supply not included (REF A24V-0A7-F)	540.3100
A24V-0A7-F	Power supply 24VDC 1A - wire plug	110.9000
MONITEUR COUL 10"	Colour monitor 10" VGA and BNC	310.0000
KIT GRIFFES	Mounting kit for installation on plasterboard - for CAPH units	560.9000
CEINTURE 250	Stainless-steel anti-tear housing (surface-mounting) for CAPH units H 250 mm (1 to 4 call buttons)	560.9200
CEINTURE 350	Stainless-steel anti-tear housing (surface-mounting) for CAPH units H 350 mm (6 and 10 call buttons, door entry station with keypad)	560.9300
KIT SAILLIE PAD AUDIO	Surface mounting kit for PAD Audio	650.9500
KIT SAILLIE PAD VIDEO	Surface mounting kit for PAD Video	650.9600
M56KUSB	56K USB modem (for PAD configuration)	650.1800

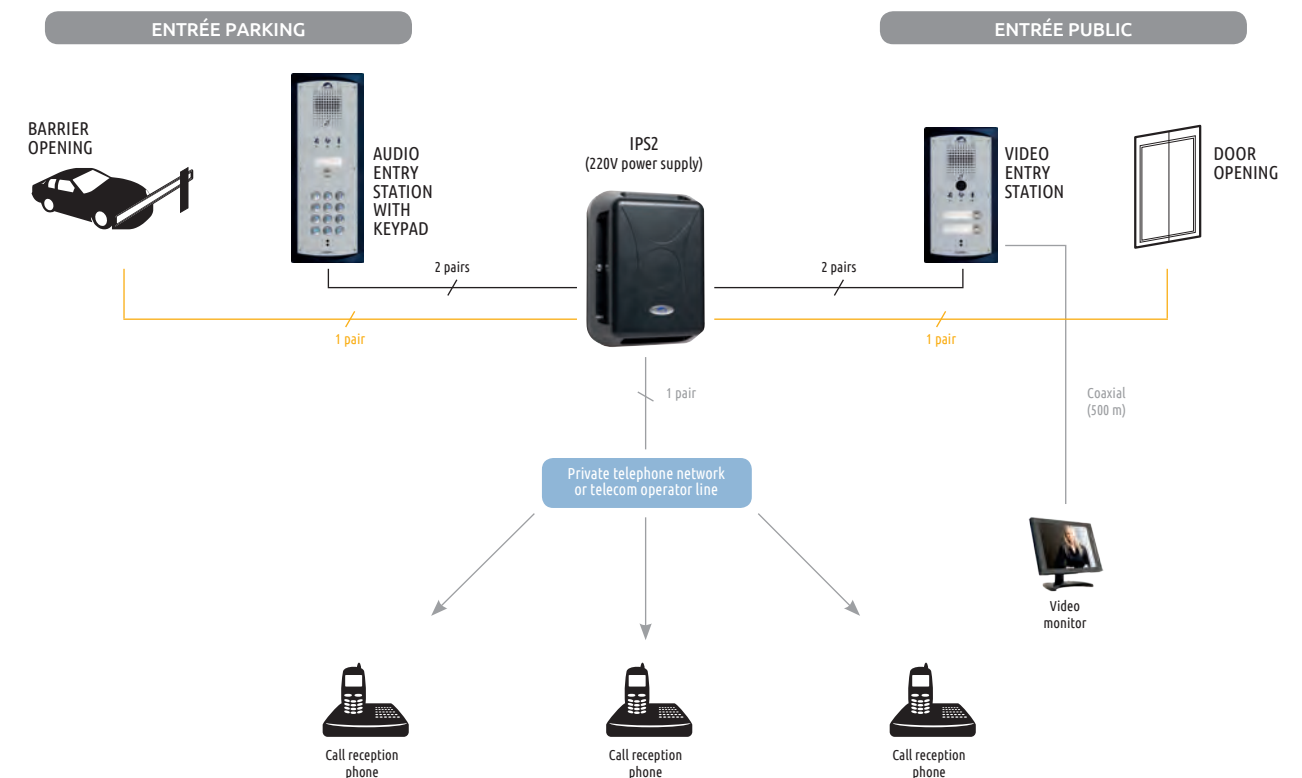
AUDIO INTERCOMS

AUDIO INTERCOM								INTERFACE
Number of stations to call	PRIT AVNH 1 call button intercom without induction loop 650.4200	CAPH 1B 1 call button intercom with induction loop 660.0000	CAPH 2B 2 call buttons intercom with induction loop 660.0100	CAPH 3B 3 call buttons intercom with induction loop 660.0200	CAPH 4B 4 call buttons intercom with induction loop 660.0300	CAPH 6B 6 call buttons intercom with induction loop 660.0400	CAPH 10B 10 call buttons intercom with induction loop 660.0500	IPS2 Interface for PS-PABX connection 650.1000
1	1	OR 1						1
2			1					1
3				1				1
4					1			1
5						1		1
6						1		1
7							1	1
8							1	1
9							1	1
10							1	1

INTERCOMS WITH KEYPAD

INTERCOM WITH KEYPAD							INTERFACE
Number of stations to call	CAPH V1B CLAV Audio video intercom with 1 call button, keypad and induction loop 660.6600	CAPH 1B CLAV Audio intercom with 1 call button, keypad and induction loop 660.0600	CAPH V2B CLAV Audio video intercom with 2 call buttons, keypad and induction loop 660.6700	CAPH 2B CLAV Audio intercom with 2 call buttons, keypad and induction loop 660.0700	PAD VIDEO Audio video intercom with names scrolling and keypad 650.2900	PAD AUDIO Audio intercom with names scrolling and keypad 650.2700	IPS2 Interface for PS-PABX connection 650.1000
1	1	OR 1					1
2			1	OR 1			1
more than 2					1	OR 1	0

SCHEMATIC



9/10 cable. Maximum distance between entry stations and IPS2 interface: 1000 m (500 m audio video version).



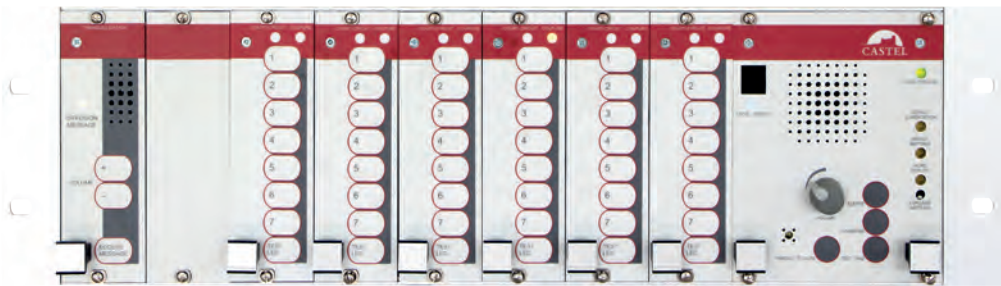


Security intercom

CASI: CENTRAL ALARM AND SECURITY INTERCOM SYSTEMS

A security system aimed at centralising and localising emergency calls coming from voice-activated «glass broken» terminals.

SCHEMATIC
(SEE PAGE 77)



- Alarm and communication centralisation
- Alarm activation by glass broken device or handset call
- Central buzzer for signalling alarms
- Car park audio device
- Emission of industry standard NFS 32001 emergency evacuation signal
- Repeater 0dB module available for direct link to an evacuation or alarm bell system

Analog	Star/bus wiring	Simplex	Configuration by PC
Wiring: 1 twisted pair 9/10	Central with IP interface	Lines monitoring	Supervision software



Main applications

High rise buildings, car parks, public buildings, nuclear power plants, airports, etc., and many other customised applications.

Main benefits

CASI meets the criteria defined in industry standard NFS 61950 and in accordance with technical instruction IT 248

It also conforms with industry standard EN 60950 for security use. It complies with article GH50 of the high rise buildings regulations.

CASI is secure

It detects and indicates all anomalies that might occur in the various connecting cables (line opening, short circuits, etc.).

It can detect from 7 to 980 directional identities by address line (for multiple terminals per line, please ask).

Call localisation performance

Front panel display direct to CASI.

Comfortable operating

Emergency calls can be received on a remote console with display.

Supervised system

Supervision software allows you to visualize on graphical views, calls, line faults, to pick up-hang up, as well as getting all events history.

Tranquilization function

When a security terminal is calling, an audio tranquilization message can be broadcast until call pickup (factory preset message from the tranquilization module or from an external source).

New IP interface



Remote console build-in version

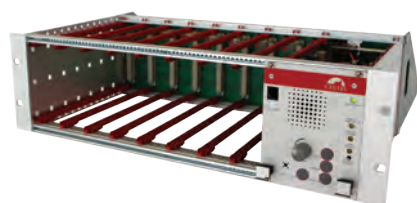


CASTEL Supervisor



Security intercom

ALARM CENTRAL



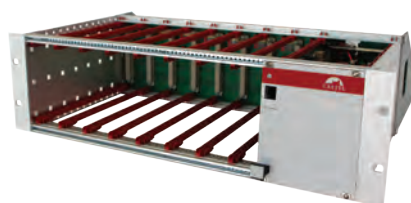
CASI

Intercom security and alarm central
REF **220.5000**

- > 49 lines base rack (7 zones module not included)
- > Communications can be managed on the front panel
- > Audio simplex, with 3 watts power
- > Supply power rescued by battery
- > Complies with NFS 32001, NFS 61950 and EN 60950 standards
- > Power supply 220V AC (cable included)
- > H 132.5 mm x W 482.6 mm x D 431 mm (rack-mountable 3U format)

COFR 3U

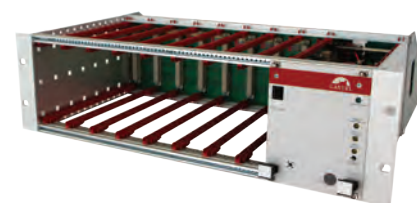
3U housing option
REF **220.1300**



RACK EXT1

CASI extension rack 1
REF **220.5900**

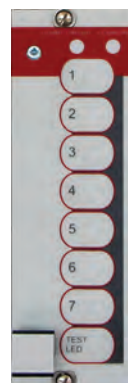
- > 3U extension rack 1 for 56 directions (7 zones module not included)
- > Associated with the previous rack
- > Complies with NFS 32001, NFS 61950 and EN 60950 standards
- > Power supply by previous central (cable included)
- > H 132.5 mm x W 482.6 mm x D 351 mm (rack-mountable 3U format)



RACK EXT2

CASI extension rack 2
REF **220.6100**

- > 3U extension rack 2 for 56 directions with power supply (7 zones module not included)
- > Associated with the previous rack
- > Complies with NFS 32001, NFS 61950 and EN 60950 standards
- > Supply power rescued by battery
- > Power supply 220V AC (cable included)
- > H 132.5 mm x W 482.6 mm x D 431 mm (rack-mountable 3U format)



MOD 7 Z

7 zones module
REF **220.1900**

- > Manages 7 zones of security terminals
- > 7 buttons with lighting for call and 1 button for test
- > 1 light for contact circuit fault and 1 light for cut
- > Power supply by central
- > Module to be inserted in the central

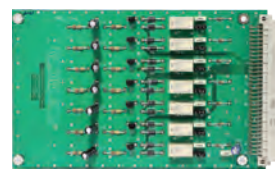
MOD 7Z TRANQ

7 zones module with tranquilization option
REF **220.6900**

MOD TRANQ

Tranquilization module
REF **220.8600**

- > Tranquilization message issued when receiving a call from emergency station
- > Looping message until call pickup
- > Factory preset messages or external source
- > Only usable with 7 zones module with tranquilization option
- > 1 test button (listening message)
- > 2 buttons to adjust volume
- > 1 light signal for module status
- > Power supply by central
- > Module to be inserted in the central



REPORT 7D CASI LEXAN

Dry contact report module
REF **220.6400**

- > Manages 7 dry contacts associated with 7 directions (1 module 7 zones)
- > Dry contacts in NO or NC position
- > Engagement by upwelling event: call, contact circuit fault, or cut circuit fault
- > Power supply by central
- > Module to be inserted in the central

REMOTE CONSOLE



MP CASI

Remote console for CASI
REF **250.0000**

- > Desktop or wall mount station
- > LCD display (2 lines x 16 characters)
- > Numeric keypad and functions keys
- > 11 keys and 1 programmable relay
- > ABS case
- > IP40 rating
- > 15V to 30V power supply (through central or external)
- > H 265 mm x W 138 mm x D 70 mm
- > IP40 rating
- > 15V to 30V power supply (through central or external)
- > H 265 mm x L 138 mm x P 70 mm



MPP CASI

Remote console build-in version for CASI
REF **250.0100**

- > Flush or surface mounted
- > LCD display (2 lines x 16 characters)
- > Numeric keypad and functions keys
- > 11 keys and 1 programmable relay
- > Anodized aluminium front panel
- > IP40 rating
- > 15V to 30V power supply (through central or external)
- > H 280 mm x W 170 mm x D 2 mm (flush-mounted with flush box D 47 mm)
- > H 282.5 mm x W 172.5 mm x D 65 mm (surface-mounted with optional MKSP surface box)

SECURITY TERMINALS



BGPH

Audio glass broken device surface mounting
REF **210.0100**

- > Dedicated terminal for central CASI
- > Call initiated by glass broken
- > Terminal is connected to one of the 7 lines of the 7 zones module
- > No power supply needed (powered by the central)
- > H 230 mm x W 135 mm x D 51 mm (surface-mounted))

BGPH ENCASTRE

Audio glass broken device flush mounting
REF **210.0000**



BGPH D

Design audio glass broken device
REF **230.0000**

- > Dedicated terminal for central CASI
- > Call initiated by glass broken
- > Terminal is connected to one of the 7 lines of the 7 zones module
- > No power supply needed (powered by the central)
- > H 205 mm x W 120 mm x D 22 mm (flush-mounted with flush box D 20 mm)
- > H 205 mm x W 120 mm x D 42 mm (surface-mounted)



BGPH DM

Flexible cell audio device
REF **210.2000**

- > Dedicated terminal for central CASI
- > Call initiated by flexible cell (deformable membrane)
- > Terminal is connected to one of the 7 lines of the 7 zones module
- > No power supply needed (powered by the central)
- > H 205 mm x W 120 mm x D 22 mm (flush-mounted with flush box D 20 mm)
- > H 205 mm x W 120 mm x D 42 mm (surface-mounted)

BGPH DM BOUCLE AUDITIVE

Flexible cell audio device with induction loop
REF **210.2100**

BGPH DM APPEL URGENCE

Flexible cell audio device - «Emergency call» serigraphy
REF **260.2000**



BGPH E

Waterproof audio glass broken device
REF **210.0200**

- > Dedicated waterproof terminal for central CASI
- > Call initiated by glass broken
- > Terminal is connected to one of the 7 lines of the 7 zones module
- > IP66 rating
- > No power supply needed (powered by the central)
- > H 280 mm x W 170 mm x D 2 mm (flush-mounted with flush box D 47 mm)
- > H 282.5 mm x W 172.5 mm x D 65 mm (surface-mounted)

BGPH E BOUCLE AUDITIVE

Waterproof audio glass broken device with induction loop
REF **210.0300**



CPPH

Audio device with mushroom button
REF **210.1000**

- > Dedicated terminal for central CASI
- > Call is initiated by mushroom button
- > Terminal is connected to one of the 7 lines of the 7 zones module
- > No power supply needed (powered by the central)
- > H 230 mm x W 135 mm x D 51 mm (surface-mounted)



TSI

Red security handset
REF **210.3000**

- > Dedicated intercom handset for central CASI
- > Call when picking up the handset
- > Terminal is connected to one of the 7 lines of the 7 zones module
- > ABS case with wall mounting
- > No power supply needed (powered by the central)
- > H 235 mm x W 74 mm x D 78 mm





Security intercom

❖ SUPERVISION



CASTEL SUPERVISOR

Supervision software

REF 110.8300

- > Visualise and archive events as communication, incoming /outgoing call, call waiting, relay state, forwarding state
- > Visualisation towards synoptic and/or continuous feed
- > Call forwarding regarding time slots
- > Compatibility with Windows XP, 7, 10, Server 2003, Server 2008
- > Compatibility with Oracle and SQL Server database
- > Multiuser software (no station licence) on a fully secured internet connection

CASTEL CONFIGURATOR

CASTEL Supervisor configuration software

REF 110.8400



M HYB IP BOX 4L CASI

IP interface for supervision

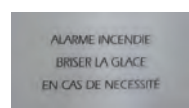
REF 220.0950

PACK CASI SUPERVISION

Supervision bundle (interface + supervision software + configuration module + Castel Pilot)

REF 220.4000

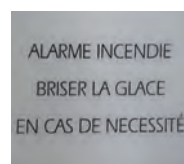
❖ OPTIONS



GLA

10 glasses pack for BGPH (dimensions 130 x 75 mm)

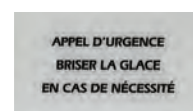
REF 240.0000



GLAD

10 glasses pack for BGPH D (dimensions 63 x 60 mm)

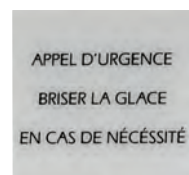
REF 240.0100



GLA APPEL URGENCE

10 glasses pack for BGPH (dimensions 130 x 75 mm) «Emergency call» serigraphy

REF 240.0200



GLAD APPEL URGENCE

10 glasses pack for BGPH D (dimensions 63 x 60 mm) «Emergency call» serigraphy

REF 240.0300



MKSP

Surface mounting kit for remote console build-in version for CASI

REF 440.2800



ML CASI

Software and parameter module

REF 440.4500



A15V-0A4-J

Power supply 15VDC 400mA - Jack plug

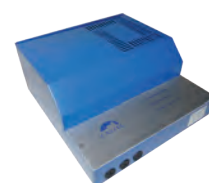
REF 440.7100



A24V-2A

Cutting power supply on din track 24VDC 2A

REF 110.9100

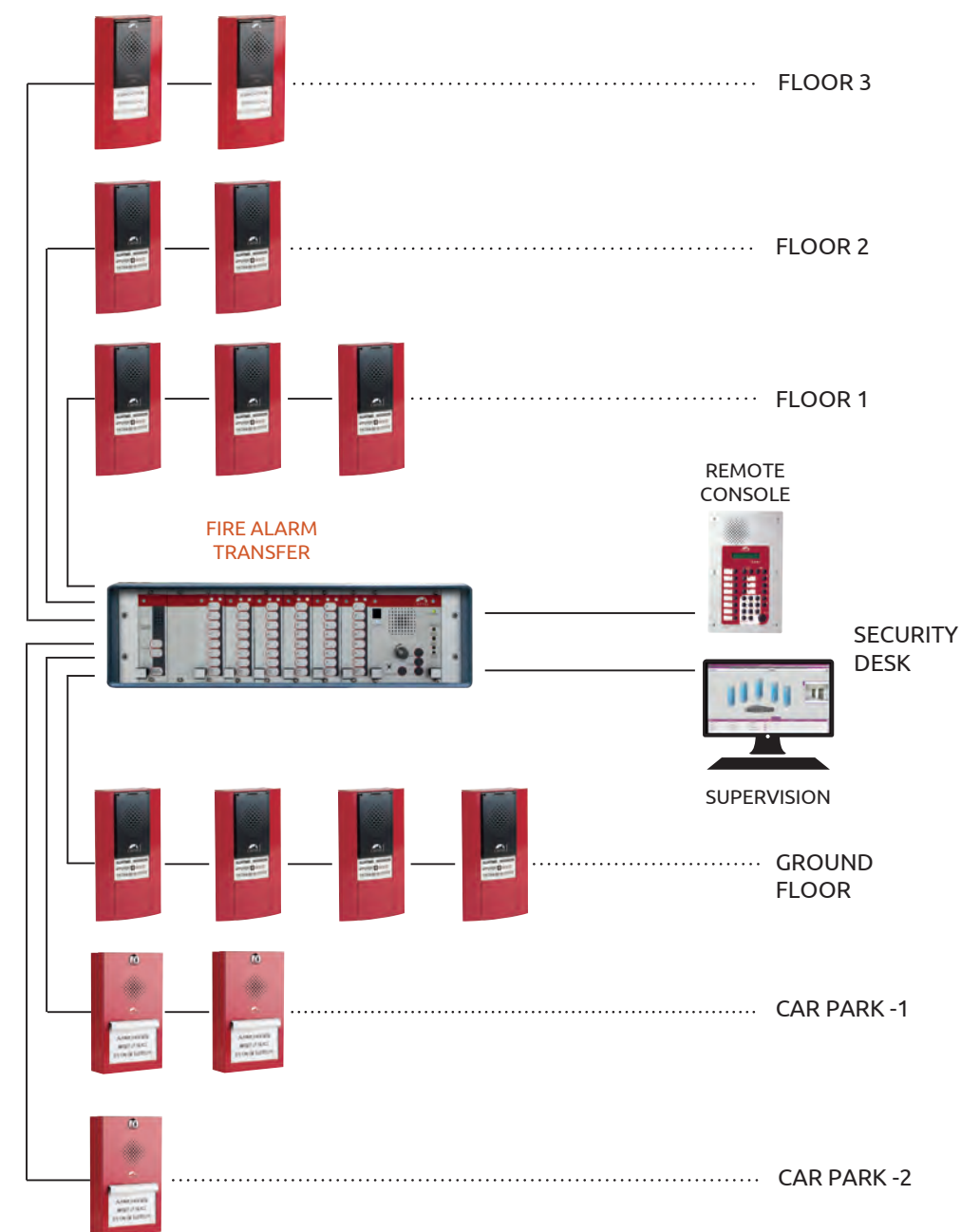


A24V-3A-S

24VDC 3A saved power supply - battery 2.1 Ah

REF 440.4900-1

❖ SCHEMATIC





IP access control

A GLOBAL SOLUTION
FOR BUILDING SECURITY

vdip Evolution
ACCESS CONTROL OVER IP

This simple to use, modular, scalable and high performance solution VDIP Evolution responds to all issues relating to access control, supervision, intrusion detection, time programming, planning and intercom over IP.

SCHEMATIC
(SEE PAGE 93)



- Access control for up to 45,000 badges and 250 user profiles per VDU Evo module
- Intrusion detection for up to 10,000 alarm points
- Supervision of alarms and counters (unlimited charts)
- Time programming (lighting, door unlocking, intrusion, etc.)
- Audio video IP intercom (convergence with Maylis, CAP IP and XELLIP ranges)
- Planning and room booking
- Hypervision (CCTV, intrusion detection, industrial automation...)



Main applications

Tertiary and industrial sites, hospital centres, retirement homes, laboratories, hotels, banks and insurance companies, exhibition centres, office access, car parks, fold-away city terminals, high-rise buildings, public buildings, ports, public authorities, military sites, prisons... , and many other customised applications.

Main benefits

A scalable and multi-market solution

Dedicated to many different environments: industrial, tertiary industry, military, institutional, hospital, etc., solution works equally well for environments with several dozen reading points as well as those with more modest requirements.

The wide range of equipment (readers, keypads, intercoms with reader...) associated with a complete software suite allows to meet different needs.

A multi-station solution

The software is based on a fully secured internet connection, compatible with the vast majority of web browsers.

It creates an economic multi-user system (no station licence) and is secured with customised menus for easy rights management and use.

A user-friendly and open solution

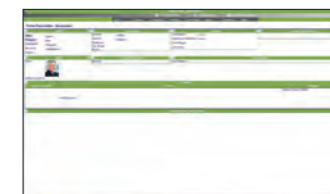
The software is engineered to be compatible with all types of users. The system has a simple and user-friendly interface designed for easy learning and use. It also has a multilingual interface.

As it uses an open and non-proprietary database, the solution allows an interfacing (webservices) and synchronization with your own bases and directories.

A multi-site and multi-company solution

Based exclusively on an IP network connection, VDIP Evolution allows for inter-site feedback thanks to independent management units on every site.

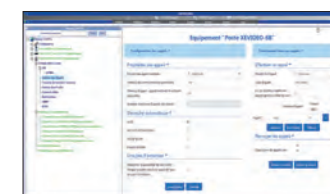
Unlimited reader and point capacity. Different companies can also use the system thanks to access profiles. Finally, as the system is autonomous, it works even if the network is down.



CASTEL Access: high performance access control (up to 1,000 VDU Evo modules (45,000 badges and 250 user profiles per module), 10 time slots per profile, 5 types of public holiday)



CASTEL Supervisor: dynamic alarm supervision (up to 10,000 alarm points and unlimited synoptic diagrams)



CASTEL Server: easy configuration and remote maintenance

IP	Wiegand protocol	Biometric, long distance, radio, multi-technology, LPR, Bluetooth	Maylis, CAP IP and XELLIP intercom compatible	Access Control Software	Multi-site Multi-station
RS 485 RS 232 IP	Proximity readers: 13.56 MHz Mifare, Desfire	Aperio compatible	Secured web architecture	Supervision Software	Planning Hypervision





IP access control



Mobile access control
via Bluetooth Smartphone



Castel Vision hypervision software



Planning and booking software

A multi-technology and high performance solution

VDIP Evolution is an open system and can work with all types of technologies: proximity cards (Mifare® and Desfire® 13.56 MHz, hospital cards, CIMS, Agent cards), long distance, UHF, dual-technology (long distance + proximity), biometric, license plate recognition (LPR), Bluetooth.

For an easier exploitation, a single staff account is supporting different types of ID (physical card, virtual card, access code...).

Moreover, the system is compatible with different standard protocols on the market (Wiegand, RS485, Aperio, etc.).

A complete access control, planning-booking and hypervision solution

In addition to its access control expertise, Castel offers additional solutions completely integrated into the VDIP Evolution solution.

The Castel Vision hypervision solution was developed together with Prysm and allows a full integration of third-party security systems and building management systems with open architecture: CCTV, intrusion detection, industrial automation...

Castel also has a partnership with Jesplan, in order to offer new solutions to public authorities, for the management of their sports, administrative, cultural and leisure facilities.

The developments carried out by the R&D teams of both companies allows a native interfacing of VDIP Evolution and Planitech solutions in order to have a full solution for access control, planning and rooms booking.

ANSSI architecture type 1 compliant solution

Castel and its partner Stid solution, combines a high security reader & decoder that allow confidentiality and integrity of communications between reader and the access control system.

RS485 TR decoder is used to make reader and system communication direct and transparent (compliant to ANSSI architecture n°1).

Security parameters are deported to safe area. Then decoder converts secured communication to Wiegand or Data/Clock format, and transmits clear data to the system device located in a secured room. Reader contains no key and security is guaranteed across the chain.

SYSTEM (PLC - PERIPHERAL DEVICES)



VDUC EVO

Programmable Logic Controller (PLC) over IP
REF 130.0000

- > Interface between IP network and RS485 equipments
- > Integration of 2 RS485 field bus to manage up to 120 readers via the VDIP protocol and Aperio protocol to manage up to 15 Aperio locks per bus
- > RS232 connector to communicate with an external equipment
- > Second RJ45 plug to provide switch function
- > Radius Authentication (802.1X) and > SNMP protocol
- > Open case switch
- > PoE power supply (or optional external power supply)
- > Case in ABS
- > H 210 mm x W 145 mm x D 65 mm

VDUC EVO PLAN

Programmable Logic Controller (PLC) over IP and compatible with Planitech
REF 130.1000



VD 8EI

VDIP device to connect 8 impedance dry contacts
REF 110.1100

- > Can be mounted on Din rail
- > Management of 8 impedance dry contacts protected and filtered
- > Power Supply 15 to 30V
- > H 108 mm x W 71 mm x D 33 mm (mounting on rail D 45 mm)

VD 8EI PLAN

VDIP device to connect 8 impedance dry contacts and compatible with Planitech
REF 130.1300



VD 4LECT

VDIP device to connect up to 4 readers, 8 dry contacts and 4 relays
REF 130.0100

- > Can be mounted on Din rail
- > Management of up to 4 keypads and/or readers
- > Possible installation of keypad in parallel for confirmation code on each drive
- > Management of 2 dry contacts by reader
- > Management of 1 relay by reader
- > Open case switch
- > Power Supply 15 to 30V
- > H 210 mm x W 145 mm x D 65 mm

VD 4LECT PLAN

VDIP device to connect up to 4 readers, 8 dry contacts and 4 relays and compatible with Planitech
REF 130.1100



VD LECT

VDIP device to connect 1 reader, 2 dry contacts and 1 relay
REF 110.1200

- > Can be mounted on Din rail
- > Management of one keypad or reader
- > Possible installation of keypad in parallel for confirmation code
- > Management of 2 dry contacts
- > Management of 1 relay
- > Power Supply 15 to 30V
- > H 108 mm x W 71 mm x D 33 mm (mounting on rail D 45 mm)

VD LECT PLAN

VDIP device to connect 1 reader, 2 dry contacts and 1 relay and compatible with Planitech
REF 130.1200



VD 4S

VDIP device to connect 4 relays
REF 110.1000

- > Can be mounted on Din rail
- > Management of 4 single pole relays
- > Power Supply 15 to 30V
- > H 108 mm x W 71 mm x D 33 mm (mounting on rail D 45 mm)

VD 4S PLAN

VDIP device to connect 4 relays and compatible with Planitech
REF 130.1400





KEYPAD



VD DIGIC

Wiegand keypad
REF **110.7000**

- > Keypad for direct access or code confirmation
- > Light signalling (red if access is refused and green if authorised)
- > Zamak front
- > IP54 rating
- > Power supply 12V (through VD4Lect or VDLect devices)
- > H 183 mm x W 102 mm x D 17 mm (flush-mounted with flush box D 35 mm)
- > H 183 mm x W 102 mm x D 52 mm (surface-mounted installation)



CLAVIER WIEGAND BRAILLE

Wiegand keypad, keys with Braille
REF **330.0100**

- > Keypad for direct access
- > Large backlit keys with Braille diameter 16 mm (blue)
- > Light signalling and buzzer
- > Stainless steel vandal proof front panel
- > Flush mounted
- > Power supply 12V (through VD4Lect or VDLect devices)
- > H 135 mm x W 100 mm x D 2,5 mm (flush-mounted with flush box D 40 mm)
- > H 140 mm x W 105 mm x D 60 mm (surfacemounted with optional surface box REF 330.0150)



MI ENROLEUR

USB enrolment device for Castel serial number 13.56 MHz Mifare® proximity cards
REF **120.9300**

MIS ENCODER

Sector 13.56 MHz Mifare® enrolment / encoder device with associated software
REF **120.9400**



BPM34/C

Mifare® key-ring for LP32/C, LP32/C AV, VD MI/C, LP60 MI/C readers
REF **910.0079**

MIFARE® 13,56 MHZ PROXIMITY READERS



VD MI/C

Serial number 13.56 MHz Mifare® proximity reader
REF **110.7300**

- > Dialog using Wiegand protocol
- > CPS3 compatible
- > Light signalling (red if access is refused and green if authorised)
- > Zamak front
- > IP54 rating
- > Power supply 12V (through VD4Lect or VDLect devices)
- > H 183 mm x W 102 mm x D 17 mm (flush-mounted with flush box D 35 mm)
- > H 183 mm x W 102 mm x D 52 mm (surface-mounted installation)

VD MIS/C

Sector 13.56 MHz Mifare® proximity reader
REF **110.7500**

VD MI/C 58B MSB

Serial number 58B MSB 13.56 MHz Mifare® proximity reader
REF **110.7600**

VD MI/C 58B LSB

Serial number 58B LSB 13.56 MHz Mifare® proximity reader
REF **110.7610**



LP32/C

Serial number 13.56 MHz Mifare® proximity reader
REF **910.0084**

- > Dialog using Wiegand protocol
- > CPS3 compatible
- > Light signalling (blue if powered up, red if access refused and green if access authorised)
- > Audible signal when reading a card and through a dry contact
- > Digital output (open collector) reports reader being torn from the wall
- > Power supply 12V (through VD4Lect or VDLect devices)
- > H 99 mm x W 49.5 mm x D 22 mm (surface-mounted installation)

LP32 MIS/C

Sector 13.56 MHz Mifare® proximity reader
REF **910.0095**

LP32/C 58B MSB

Serial number 58B MSB 13.56 MHz Mifare® proximity reader
REF **910.0102**

LP32/C 58B LSB

Serial number 58B LSB 13.56 MHz Mifare® proximity reader
REF **910.0108**



LP60 MI/C

Serial number 13.56 MHz Mifare® proximity reader
REF **910.0097**

- > Dialog using Wiegand Protocol
- > CPS3 compatible
- > Light signalling (blue if powered up, red if access refused and green if access authorised)
- > Audible signal when reading a card and through a dry contact
- > Digital output (open collector) reports reader being torn from the wall
- > Power supply 12V (through VD4Lect or VDLect devices)
- > H 80 mm x W 80 mm x D 19 mm (surface mounted installation, developed for integration inside housing case diameter 60 mm)

LP60 MIS/C

Sector 13.56 MHz Mifare® proximity reader
REF **910.0098**

LP60 MI/C 58B MSB

Serial number 58B MSB 13.56 MHz Mifare® proximity reader
REF **910.0104**

LP60 MI/C 58B LSB

Serial number 58B LSB 13.56 MHz Mifare® proximity reader
REF **910.0109**



LP32/C AV

Vandal proof serial number 13.56 MHz Mifare® proximity reader
REF **910.0085**

- > Dialog using Wiegand protocol
- > CPS3 compatible
- > Vandal proof design
- > Light signalling (red if access refused and green if access authorised)
- > Power supply 12V (through VD4Lect or VDLect devices)
- > H 100 mm x W 45 mm x D 16 mm (surface-mounted installation)

MIFARE® DESFIRE® 13,56 MHZ PROXIMITY READERS



VD DES

Mifare® Desfire® 13.56 MHz proximity reader
REF **120.7000**

- > Wiegand protocol
- > Integrates AES (Advanced Encryption Standard) encoding algorithm to secure the data transfer
- > Light signalling (red if access is refused and green if authorised)
- > Zamak front
- > IP54 rating
- > Power supply 12V (through VD4Lect or VDLect devices)
- > H 183 mm x W 102 mm x D 17 mm (flush-mounted with flush box D 35 mm)
- > H 183 mm x W 102 mm x D 52 mm (surface-mounted installation)



LP32 DES

Mifare® Desfire® 13.56 MHz proximity reader
REF **910.0089**

- > Wiegand protocol
- > Integrates AES (Advanced Encryption Standard) encoding algorithm to secure the data transfer
- > Light signalling (blue if powered up, red if access refused and green if access authorised)
- > Audible signal when reading a card and through a dry contact
- > Digital output (open collector) reports reader being torn from the wall
- > Power supply 12V (through VD4Lect or VDLect devices)
- > H 99 mm x W 49.5 mm x D 22 mm (surface-mounted installation)



LP60 DES

Mifare® Desfire® 13.56 MHz proximity reader
REF **910.0099**

- > Dialog using Wiegand protocol
- > Integrates AES (Advanced Encryption Standard) encoding algorithm to secure the data transfer
- > Light signalling (blue if powered up, red if access refused and green if access authorised)
- > Audible signal when reading a card and through a dry contact
- > Digital output (open collector) reports reader being torn from the wall
- > Power supply 12V (through VD4Lect or VDLect devices)
- > H 80 mm x W 80 mm x D 19 mm (surfacemounted installation, developed for integration inside housing case diameter 60 mm)



DES ENCODER

Mifare® Desfire® Encoder with associated software
REF **120.9100**

- > Desfire® personal cards and readers management software
- > USB Encoder (USB cable provided)
- > Software to manage transport keys, access keys and cards
- > Software event log visualisation



BP34 DES

Mifare® Desfire® key-ring for LP32 DES, VD DES, LP60 DES readers
REF **910.0092**



BP32 DES

Mifare® Desfire® card for LP32 DES, VD DES, LP60 DES readers
REF **910.0087**



IP access control

13,56 MHZ EVOLVING PROXIMITY READERS (MIFARE® SERIAL NUMBER, MIFARE® SECTOR ET MIFARE® DESFIRE®)



LP ARC ONE EVO

13,56 MHz ARC ONE evolving and programmable reader (Mifare® serial number, Mifare® sector and Mifare® Desfire®)

REF 910.0145

- > 13,56 MHz compact proximity card reader specially designed for rooms requiring small footprint
- > Evolutive : Mifare® serial number, Mifare® sector & Mifare® Desfire®
- > Upgradable with the programming kit
- > Light signal (2 programmable leds)
- > Audio signal (built in buzzer)
- > Pulling out detection using accelerometer
- > IP65 - IK10 rating
- > External power supply 10 to 15 V
- > H 110 mm x W 42 mm x D 22 mm
- > H 110 mm x L 42 mm x P 22 mm



LP ARC EVO

13,56 MHz ARC evolving and programmable reader (Mifare® serial number, Mifare® sector and Mifare® Desfire®)

REF 910.0146

- > 13,56 MHz proximity card reader
- > Evolutive : Mifare® serial number, Mifare® sector & Mifare® Desfire®
- > Upgradable with the programming kit
- > Light signal (2 programmable leds)
- > Audio signal (built in buzzer)
- > Pulling out detection using accelerometer
- > IP65 - IK10 rating
- > External power supply 7 to 28 V
- > H 107 mm x W 80 mm x D 26 mm



LP ARC EVO CLAV

13,56 MHz ARC evolving and programmable reader with keypad (Mifare® serial number, Mifare® sector and Mifare® Desfire®)

REF 910.0147

- > 13,56 MHz proximity card reader
- > Sensitive keypad
- > Evolutive : Mifare® serial number, Mifare® sector & Mifare® Desfire®
- > Upgradable with the programming kit
- > Light signal (2 programmable leds)
- > Audio signal (built in buzzer)
- > Pulling out detection using accelerometer
- > IP65 - IK08 rating
- > External power supply 7 to 28 V
- > H 107 mm x W 80 mm x D 26 mm

MIFARE® 13,56 MHZ AND BLUETOOTH READERS



LPBT 23

Mifare® 13,56 MHz and Bluetooth reader

REF 910.0133

- > 13,56 MHz proximity cards & Bluetooth reader (virtual card on smartphone)
- > 5 authentication modes (card, remote, slide, hands-free, tap tap)
- > Light signal (2 programmable leds)
- > Audio signal (built in buzzer)
- > Pulling out detection using accelerometer
- > IP65 - IK10 rating
- > External power supply 7 to 28 V
- > H 107 mm x W 80 mm x D 26 mm



LPBT 23 CLAV

Mifare® 13,56 MHz and Bluetooth reader

REF 910.0148

- > 13,56 MHz proximity cards & Bluetooth reader (virtual card on smartphone)
- > 5 authentication modes (card, remote, slide, hands-free, tap tap)
- > Sensitive keypad
- > Light signal (2 programmable leds)
- > Audio signal (built in buzzer)
- > Pulling out detection using accelerometer
- > IP65 - IK08 rating
- > External power supply 7 to 28 V
- > H 107 mm x W 80 mm x D 26 mm



KIT DE PROGRAMMATION BLUETOOTH

Configuration kit (including software) for Bluetooth readers

REF 910.0205

- > Users badge management (13,56 MHz proximity cards & virtual cards)
- > Reader configuration cards creation
- > Security keys and configuration management
- > Smart and ergonomic software interface
- > Local and offline programming



ENROLEUR USB BLUETOOTH

USB enrolment device for 13.56 MHz Mifare® proximity cards and Bluetooth

REF 120.9500

CREDIT BLUE

STID Mobil ID virtual cards for offline use

REF 910.0206

CREDIT BLUE ONL

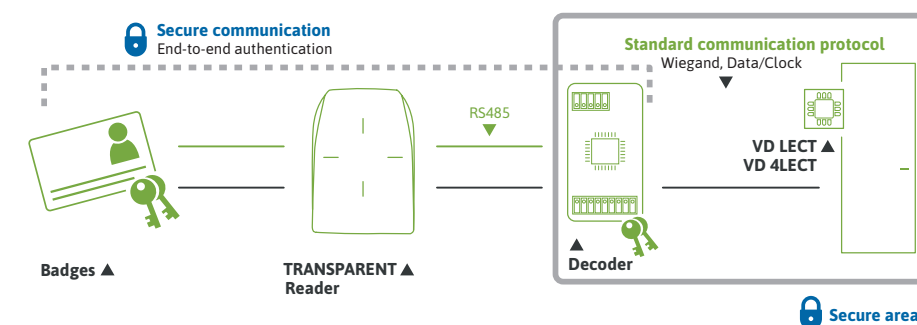
STID Mobil ID virtual cards for online use

REF 910.0207

13,56 MHZ MIFARE® DESFIRE® HIGH SECURITY PROXIMITY READERS ANSSI ARCHITECTURE 1 COMPLIANT

High security reader & decoder pack allows confidentiality and integrity of communications between reader and the access control system.

RS485 TR decoder is used to make reader and system communication direct and transparent (compliant to ANSSI architecture n°1). Security parameters are deported to safe area. Then decoder converts secured communication to Wiegand or Data/Clock format, and transmits clear data to the system device located in a secured room. Reader contains no keys and security is guaranteed across the chain.



LP26 TR

13,56 MHz Mifare® Desfire® EV1 transparent reader - ANSSI compliant

REF 910.0125

- > Transparent connection using RS485 protocol
- > Light signal (2 programmable leds)
- > Audio signal (built in buzzer)
- > Pulling out detection using accelerometer with possibility to delete security keys
- > IP65 - IK10 rating
- > Powered via decoder module
- > H 107 mm x W 80 mm x D 26 mm



LP27 TR

13,56 MHz Mifare® Desfire® EV1 transparent reader with keypad - ANSSI compliant

REF 910.0126

- > Transparent connection using RS485 protocol
- > Sensitive keypad
- > Light signal (2 programmable leds)
- > Audio signal (built in buzzer)
- > Pulling out detection using accelerometer with possibility to delete security keys
- > IP65 - IK08 rating
- > Powered via decoder module
- > H 107 mm x W 80 mm x D 26 mm



DÉCODEUR RS485 TR HAUTE SÉCURITÉ

RS485 Wiegand mode transparent decoder

REF 910.0204

- > Connects to RS485 transparent reader
- > Secured keys storage with AES 128-bit encryption
- > SAM software (same as CSPN certified reader)
- > Supports standard and specific diversification methods (AGENT, CIMS cards...)
- > External power supply 7 to 28 V
- > Compatible with LP26 TR and LP27 TR readers
- > H 93 mm x W 45 mm (PCB only)
- > H 97 mm x W 49 mm x D 34 mm (PCB with mounting kit)



KIT DE PROGRAMMATION

Configuration kit (including software) for transparent reader

REF 910.0205

- > Users tags and cards management
- > Reader configuration cards creation
- > Security keys and configuration management
- > Smart and ergonomic software interface
- > 100% local sandboxed programming

KIT LP26 DEC TR

LP26 TR reader + RS485 Wiegand transparent mode decoder kit

REF 910.0127

KIT LP27 DEC TR

LP27 TR reader + RS485 Wiegand transparent mode decoder kit

REF 910.0128



IP access control

BIOMETRIC AND MIFARE® 13,56 MHZ READERS



LB32/C

Fingerprints biometric reader
REF 910.0093

- > Fingerprints optical scanner
- > Features 13.56 MHz proximity card reader
- > Authentication mode (biometric data stored in the card)
- > Visitors management (card only)
- > Light signalling (blue, red, green leds)
- > 24V power supply
- > H 190 mm x W 70 mm x D 45 mm (surface-mounted installation)



ENCODEUR BIO USB

USB biometric encoder for LB32/C reader
REF 910.0200

- > Management of fingerprint templates encoding on the card
- > Acquisition and registration on the card made during the same process (no database: Data Privacy Authority compliant)
- > PC connection (via USB): with CASTEL ACCESS, management of fingerprints acquisition, cards management...
- > USB power supply
- > H 174 mm x W 100 mm x D 147 mm (with desktop base)

868 MHZ RADIO LONG DISTANCE READER



LR01/C

868 MHz radio card reader
REF 910.0090

- > Wiegand protocol
- > ABS case
- > Power supply 12V (through VD4Lect or VDLect devices)
- > H 72 mm x W 61 mm x D 18 mm



BR01/C

Dual-technology remote control Mifare® and 868 MHz radio
REF 910.0091

- > 4 buttons remote control
- > Transmit button codes to LR01/C reader
- > Remote control equipped with 13.56 MHz Mifare® microchip
- > Fireproof ABS VO case
- > Lithium 3V battery
- > H 72.2 mm x W 40 mm x D 14 mm

BR01/DES

Mifare® Desfire® and 868 MHz bi-technology radio remote
REF 910.0124

ANTENNE LR01/C

Antenna for LR01/C
REF 910.0117

BIOMETRIC AND MIFARE® DESFIRE® 13,56 MHZ READERS



LECT BIO DES

Fingerprints biometric 13,56 MHz Mifare® Desfire® EV1 reader
REF 910.0170

- > 13,56 MHz proximity cards reader
- > Authentication mode (biometric data stored in cards)
- > Pulling out detection using accelerometer
- > IP65 rating
- > 12V power supply (from VD4Lect or VDLect devices)
- > H 156 mm x W 80 mm x D 60 mm

KIT DE PROGRAMMATION BIO

Configuration kit (including software) for high security cards and fingertips USB reader
REF 910.0180

- > Users tag and cards management
- > Reader configuration cards creation
- > Biometric reading
- > Smart and ergonomic software interface

UHF 868 MHZ LONG DISTANCE READERS



LECTEUR UHF SPECTRE

UHF long range reader
REF 910.0149

- > Ranged and automated vehicles identification
- > Controls up to 4 lines simultaneously
- > Reader supports up to 4 antenna
- > Max reading range 13 m
- > Antenna made of ABS and polycarbonate / aluminium casing reader
- > Mounting kit included
- > IP66 - IK10 rating
- > 12V power supply
- > H 348,7 mm x W 279,2 mm x D 45,1 / 83,6 mm



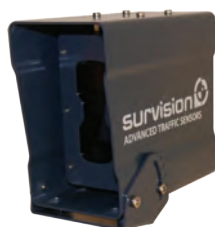
BADGE UHF TELETAG

UHF Teletag passive batteryless badge for vehicles
REF 910.0131

ETIQUETTE UHF

UHF stickers for vehicles (96.5 mm x 22.2 mm x 0.36 mm)
REF 910.0134

LICENSE PLATE RECOGNITION (LPR)



LECT LAPI ESSENTIA

License plate automated recognition system - French license plate only
REF 910.0320

- > LPR camera included
- > French license plate only
- > Using Wiegand protocol
- > IP67 rating aluminium casing
- > Up to 15m reading range
- > IR lighting system
- > 24V power supply (3 m cable), support and mounting kit included
- > H 130 mm x W 70 mm x D 115 mm



LECT LAPI PLUS

License plate automated recognition system - All type of license plate
REF 910.0330

- > LPR camera included
- > All type of license plate
- > Using Wiegand protocol
- > IP67 rating aluminium casing
- > Up to 15m reading range
- > IR lighting system
- > 24V power supply (3 m cable), support and mounting kit included
- > H 130 mm x W 70 mm x D 115 mm

BADGE-INSERTION READERS



LECTEUR AVALEUR MI/C

13,56 MHz Mifare® serial number badge-insertion reader
REF 910.0114

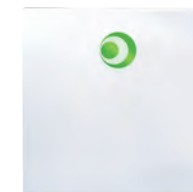
- > Using Wiegand protocol
- > Anti-vandal design
- > Light signals (blue: power, green: access granted, red: access refused)
- > 2 commands for engines: front / rear ejection
- > 24V power supply
- > H 250mm x W 150mm x D 250mm

LECTEUR AVALEUR MIS/C

13,56 MHz Mifare® sector badge-insertion reader
REF 910.0115

LECTEUR AVALEUR DES

13,56 MHz Mifare® Desfire badge-insertion reader
REF 910.0116



LECTEUR UHF GAT NANO

UHF long range reader
REF 910.0135

- > hands-free access control reader
- > Max reading distance up to 3 m
- > Anti-vandal white PVC reader
- > surface mounting kit included
- > IP65 rating
- > 12V or 24V 1A power supply
- > H 208,2 mm x W 218,7 mm x D 35,7 mm

BADGE UHF MIFARE

UHF + Mifare® 1k badge
REF 910.0123





INTERCOMS WITH ACCESS CONTROL BLUETOOTH READER XELLIP RANGE

CASTEL has developed intercoms with built in readers associating the latest Mifare® contactless chip technology and a Bluetooth authentication using smartphones.

This solution integrates virtual access cards in smartphones, improving the access control security as well as feeling more instinctive.

Your smartphone becomes the access key, giving up the traditional access control constraints.

Starting up is fairly simple, swiping one of the three included configuration cards in front of the reader. Those three configuration cards allow you to select one of the three different modes according to your needs.



CARD MODE:

By placing your smartphone in front of the reader.



TAP TAP MODE:

By tapping your smartphone twice in your pocket for near or remote opening.



HANDS-FREE MODE:

By simply passing in front of the reader.



XE VIDEO 1B BLE

Audio video Full IP/SIP entry station with 1 call button and Bluetooth reader DDA compliant
REF **590.6900**

- > Stainless steel 316 L vandal proof front panel
- > Bluetooth reader and 2 leds (green : access granted, red : access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE AUDIO 1B BLE

Audio 1 call button and Bluetooth reader version
REF **590.6400**



XE VIDEO 2B BLE

Audio video Full IP/SIP entry station with 2 call buttons and Bluetooth reader DDA compliant
REF **590.6000**

- > Stainless steel 316 L vandal proof front panel
- > Bluetooth reader and 2 leds (green : access granted, red : access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE AUDIO 2B BLE

Audio 2 call buttons and Bluetooth reader version
REF **590.5500**



XE PAD VIDEO BLE

Audio video Full IP/SIP entry station with names scrolling and Bluetooth reader DDA compliant
REF **590.7900**

- > Stainless steel 316 L vandal proof front panel
- > Bluetooth reader and 2 leds (green : access granted, red : access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE PAD AUDIO BLE

Audio with names scrolling and Bluetooth reader version
REF **590.7400**

INTERCOMS WITH BUILT IN ACCESS CONTROL READER XELLIP RANGE



XE VIDEO 1B MI/C

Audio video Full IP/SIP entry station with 1 call button and 13.56 MHz Mifare® serial number reader DDA compliant
REF **590.6600**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE VIDEO 1B MIS/C

13.56 MHz Mifare® sector reader version
REF **590.6700**

XE VIDEO 1B DES

13.56 MHz Mifare® Desfire® reader version
REF **590.6800**



XE AUDIO 1B MI/C

Audio Full IP/SIP entry station with 1 call button and 13.56 MHz Mifare® serial number reader DDA compliant
REF **590.6100**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE AUDIO 1B MIS/C

13.56 MHz Mifare® sector reader version
REF **590.6200**

XE AUDIO 1B DES

13.56 MHz Mifare® Desfire® reader version
REF **590.6300**



XE VIDEO 2B MI/C

Audio video Full IP/SIP entry station with 2 call buttons and 13.56 MHz Mifare® serial number reader DDA compliant
REF **590.5900**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)



XE AUDIO 2B MI/C

Audio Full IP/SIP entry station with 2 call buttons and 13.56 MHz Mifare® serial number reader DDA compliant
REF **590.5400**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)



INTERCOMS WITH BUILT IN ACCESS CONTROL READER

XELLIP RANGE



XE PAD VIDEO MI/C

Audio video Full IP/SIP entry station with names scrolling and 13.56 MHz Mifare® serial number reader DDA compliant
REF **590.7600**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE PAD VIDEO MIS/C

13.56 MHz Mifare® sector reader version
REF **590.7700**

XE PAD VIDEO DES

13.56 MHz Mifare® Desfire® reader version
REF **590.7800**



XE PAD AUDIO MI/C

Audio Full IP/SIP entry station with names scrolling and 13.56 MHz Mifare® serial number reader DDA compliant
REF **590.7100**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > Full Duplex 10 W communications
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > H 375 mm x W 145 mm x D 63 mm (surface-mounted)

XE PAD AUDIO MIS/C

13.56 MHz Mifare® sector reader version
REF **590.7200**

XE PAD AUDIO DES

13.56 MHz Mifare® Desfire® reader version
REF **590.7300**

INTERCOMS WITH BUILT IN KEYPAD AND ACCESS CONTROL READER PAD IP RANGE



PAD IP VIDEO-CLAV-MI/C

Audio video Full IP/SIP entry station with names scrolling, keypad and 13.56 MHz Mifare® serial number reader DDA compliant
REF **560.7610**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > Numerical keypad for direct dial and access code buttons with Braille
- > Built-in colour video camera
- > 3 keys for names scrolling
- > Graphic display 128x64 backlighting
- > 3 leds for DDA compliance (or displayed on screen)
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 432 mm x W 140 mm x D 2 mm (in wall mounting with backing D 54,5 mm)
- > H 432 mm x W 140 mm x D 54,5 mm (surface mounting)

PAD IP VIDEO-CLAV-MIS/C

13.56 MHz Mifare® sector reader version
REF **560.7710**

PAD IP VIDEO-CLAV-DES

13.56 MHz Mifare® Desfire® reader version
REF **560.7810**



PAD IP AUDIO-CLAV-MI/C

Audio Full IP/SIP entry station with names scrolling, keypad and 13.56 MHz Mifare® serial number reader DDA compliant
REF **560.7110**

- > Stainless steel 316 L vandal proof front panel
- > 13.56 MHz Mifare® serial number reader and 2 leds (green : access granted, red : access refused)
- > Numerical keypad for direct dial and access code buttons with Braille
- > 3 keys for names scrolling
- > Graphic display 128x64 backlighting
- > 3 leds for DDA compliance (or displayed on screen)
- > Integrated induction loop
- > IP64 - IK07 rating
- > PoE power supply (or optional external power supply)
- > H 432 mm x W 140 mm x D 2 mm (in wall mounting with backing D 54,5 mm)
- > H 432 mm x W 140 mm x D 54,5 mm (surface mounting)

PAD IP AUDIO-CLAV-MIS/C

13.56 MHz Mifare® sector reader version
REF **560.7210**

PAD IP AUDIO-CLAV-DES

13.56 MHz Mifare® Desfire® reader version
REF **560.7310**

APERIO®

Access control solution VDIP Evolution is compatible with Aperio® locking cylinders and door handles (Aperio® is a registered trademark of Assa Abloy group).

Aperio® is a new technology combining a Mifare® reader with an electric lock mechanism.

Wireless, the lock is connected to the VDUC Evo through a radio transmitter.

Easy to install, Aperio® provides additional ways to manage access doors with VDIP Evolution.



APERIO H100 DROITE

H100 Aperio® on rose electronic handle with Mifare® reader (right opening)
REF **180.1170**

APERIO H100 GAUCHE

H100 Aperio® on rose electronic handle with Mifare® reader (left opening)
REF **180.1171**



APERIO BEQ SANS HUB

Aperio® online door handle: electrical lock system with Mifare® reader - Standard door handle French Euro profile E100 with door thickness 40/50
REF **180.9100**



APERIO BEQ CODE SANS HUB

Aperio® online door handle: electrical lock system with Mifare® reader + keypad - Standard door handle French Euro profile E100 with door thickness 40/50
REF **180.9102**



APERIO SER SANS HUB

Aperio® electromechanical lock with door handle and Mifare® reader - European profile L100 with door thickness 40/50
REF **180.9400**



APERIO CYL SANS HUB

Aperio® online cylinder: electrical lock system with Mifare® reader - Stainless steel double knob cylinder C100 length 30/30
REF **180.9200**



HUB 1/8

Aperio® 1/8 HUB
REF **180.9801**



ANTENNE EXTERNE APERIO

External antenna for communication 1/8 hub
REF **180.9501**

APERIO LOG

Software tool to setup and configure Aperio® devices/ hubs (radio communication USB dongle included)
REF **180.9900**

EMBOUT POIGNEE H100

U shape ending for H100 handles
REF **180.9512**

ROSACE H100 CYL EUR

H100 European cylinder rose
REF **180.9513**

APERIO OUTIL CYL V3

V3 cylinder tool
REF **180.9503**



IP access control

SERVERS



SERVEUR VDIP

Server hosting VDIP Evolution system for configuration and exploitation
REF 110.0500

- > Server hosting applications Castel Access, Castel Supervisor and Castel Configurator
- > Material support on server at D+1 included
- > Castel technical support contract available for 2 years to the final client (free the first year - material warranty - and service fee the second year)
- > H 42.4 mm x W 434 mm x D 394 mm (rackable 1U black metallic case)

PC SERVEUR VDIP

PC server hosting VDIP Evolution system for configuration and exploitation
REF 110.0700



PC CLIENT VDIP

VDIP Evolution system operation PC
REF 110.0600

- > Client PC with preconfigured link to the VDIP Evolution Server and installed security strategy
- > Material support on server at D+1 included
- > Castel technical support contract available for 2 years to the final client (free the first year - material warranty - and service fee the second year)

SOFTWARES



CASTEL ACCESS

Multi-client access control software
REF 110.8200

- > Management of up to 1,000 VDU Evo (45,000 cards and 250 access profiles per VDU Evo)
- > Hierarchical rights management
- > Visitors management (visit notifications)
- > Upload and download of card files or synchronisation with LDAP directories
- > Entry lock, anti-pass back areas, anti-time back areas management
- > Security features: black list, red list, constraint code, lost card, blocked card
- > List access entries by area with multi-criteria search



CASTEL SUPERVISOR

Multi-client graphical monitoring software
REF 110.8300

- > Management of up to 10,000 alarm points with unlimited number of graphical views
- > Management of events, acknowledgements and alarm handling
- > Type of alarms: communication, card blocked or lost, technical problem
- > Alarms follow up through chronological event lists or using multi-criteria search requests
- > Visible and audible signalisation
- > Control of cameras, doors, entry locks or communications
- > Display of live video stream inside the application using RTSP protocol on any kind of event
- > Alarms handling by sending emails or SMS

CASTEL CONFIGURATOR

CASTEL Supervisor configuration software
REF 110.8400



PLANITECH CONNECT

VDIP/Planitech interface license
REF 191.1000

Connecting VDIP Evolution access control solution to Planitech planning-booking solution



PRYSM CONNECT

VDIP/Castel Vision interface license
REF 190.5000

Connecting VDIP Evolution access control solution to Castel Vision hypervision solution

ACCESSORIES AND POWER SUPPLIES



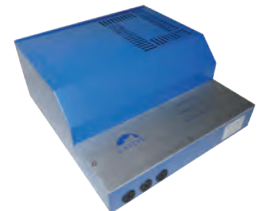
A24V-0A7-F

24VDC 1A power supply with output wire
REF 110.9000



A24V-2A

24VDC 2A power supply for Din rail (switch-mode)
REF 110.9100



A24V-3A-S

24VDC 3A power supply (uninterruptable using 2.1Ah battery)
REF 440.4900-1

CEINTURE 375

Stainless-steel belt for big XE units (H 375 mm)
REF 590.9300

VISIÈRE 375

Rain shield for big XE units (H 375 mm)
REF 590.9500

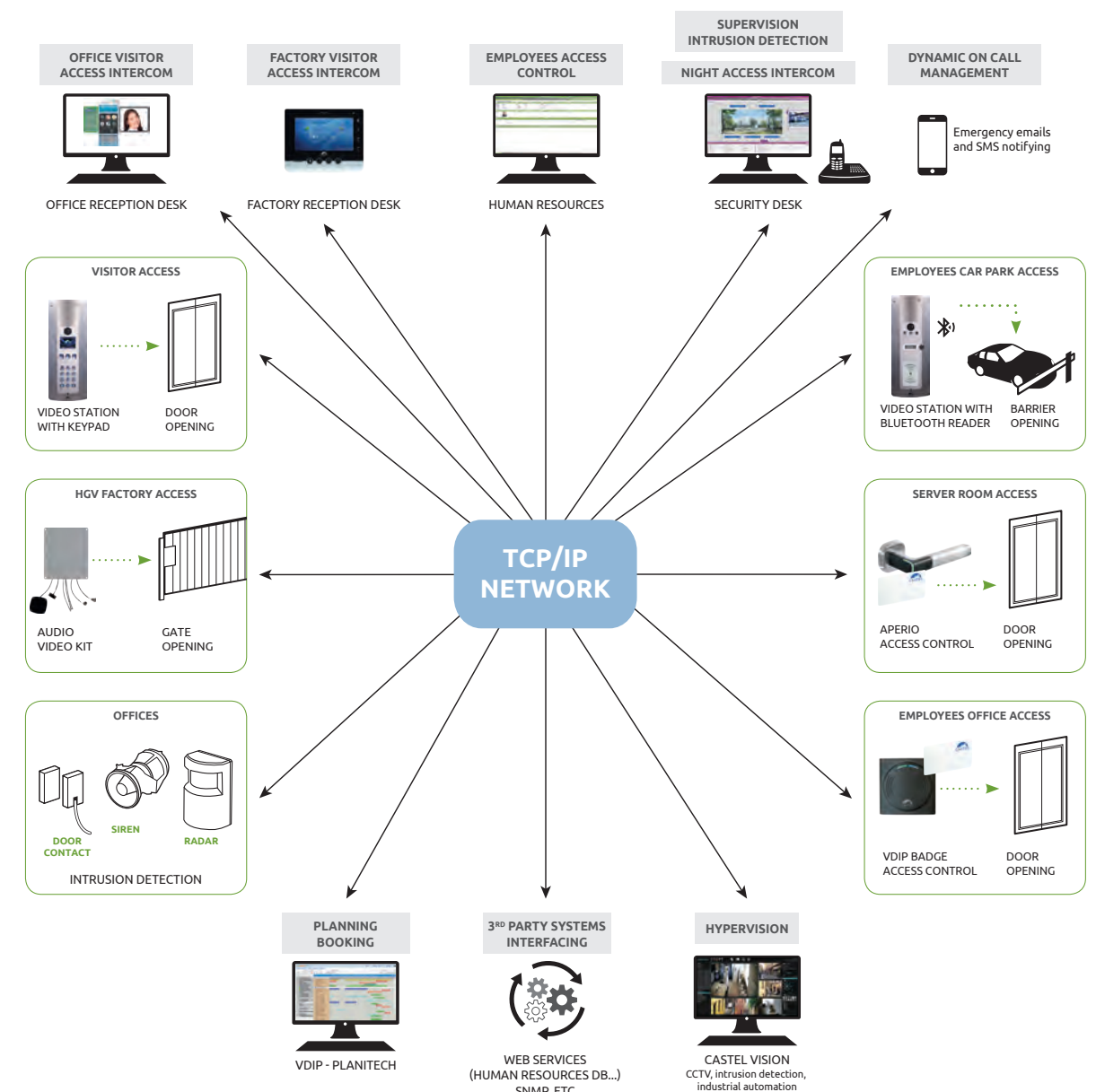
KIT GRIFFES GM XE2

Plasterboard mounting kit for big XE units (H 375 mm)
REF 590.9650

COFFRET VDIP

Factory precabled aluminium case locked with key - 24V 10A power supply (back up batteries not included) DIN rail mount - cables coming from top - Dimensions 800 x 800 x 25 mm
REF 101912

SCHEMATIC





Emergency notification solutions

PPMS BOX : QUICKLY ALERT AND INFORM

The PPMS Box solution allows to secure schools and coordinate emergency response plans.

SCHEMATIC
(SEE PAGE 97)



Improved response time during crisis

Easy to trigger

Events consultation to check the correct application of the plan

Alert the right people

Inform, mobilise, coordinate



Main applications

Schools, colleges, high schools, nurseries...

Main benefits

Schools have always been at risk of major accidents and incidents, whether natural, technological or as part of a specific emergency situation. In order to protect staff and students, **a specific safety and security plan (PPMS) has been implemented.**

Over the past few years, in response to the terrorist threat, it has been essential to adapt this plan and implement new solutions to help secure premises.

The PPMS Box has been specifically designed for these new scenarios, allowing to coordinate emergency response plans and act quickly to provide a reassuring, safe environment for children, students, teaching staff and visitors.

With a single call (or by pushing the emergency button), the PPMS BOX allows you **to broadcast information, alert or mobilisation messages** on any kind of channel (landline, Smartphone, SMS, sirens, etc.) to everyone concerned.

The PPMS Box allows to quickly notify and alert **the concerned establishment occupants** (containment or evacuation order), **as well as external actors** (police, local authorities, other schools ...).



EARTHQUAKE



HEATWAVE



FIRE



GALE FORCE
WINDS



STORMS



ATTACK /
INTRUSION



SNOW



FLOODING





Alert notification / PPMS

NOTIFICATION



PPMS BOX

PPMS Notification center
REF 360.1000

- > Triggered by phone calls, SMS and dry contact inputs
- > Notification by phone calls, SMS and relay output
- > Scenario programming (evacuation, containment...)
- > Clearance management by SMS/calls
- > Directory and History browsable by web pages
- > Power supply included and Dual SIM - Ethernet interface
- > H 80 mm x L 205 mm x P 190 mm

OPTIONS & ACCESSORIES



PPMS BOX 6E6S

IP Box including 6 input / 6 output with power supply + license
REF 360.2000

- > Additional dry contacts management: 6 input + 6 outputs for PPMS box
- > Limit: 2 modules per PPMS box
- > DIN rail mount
- > H 132 mm x L 28 mm x P 84 mm



PPMS DM

Black manual trigger for PPMS single contact
REF 360.8000

- > Black manual trigger for PPMS
- > PPMS logo
- > Reset key included
- > H 87 mm x L 87 mm x P 52 mm



PPMS VOICE INT

Indoor siren and vocal messages player for PPMS
REF 360.8050

- > Indoor use
- > 4 triggering inputs
- > Managing preset messages and repetition for each input
- > Allows 32 sirens bus connection
- > 12V power supply (not included)
- > H 245 mm x L 187 mm x P 68 mm

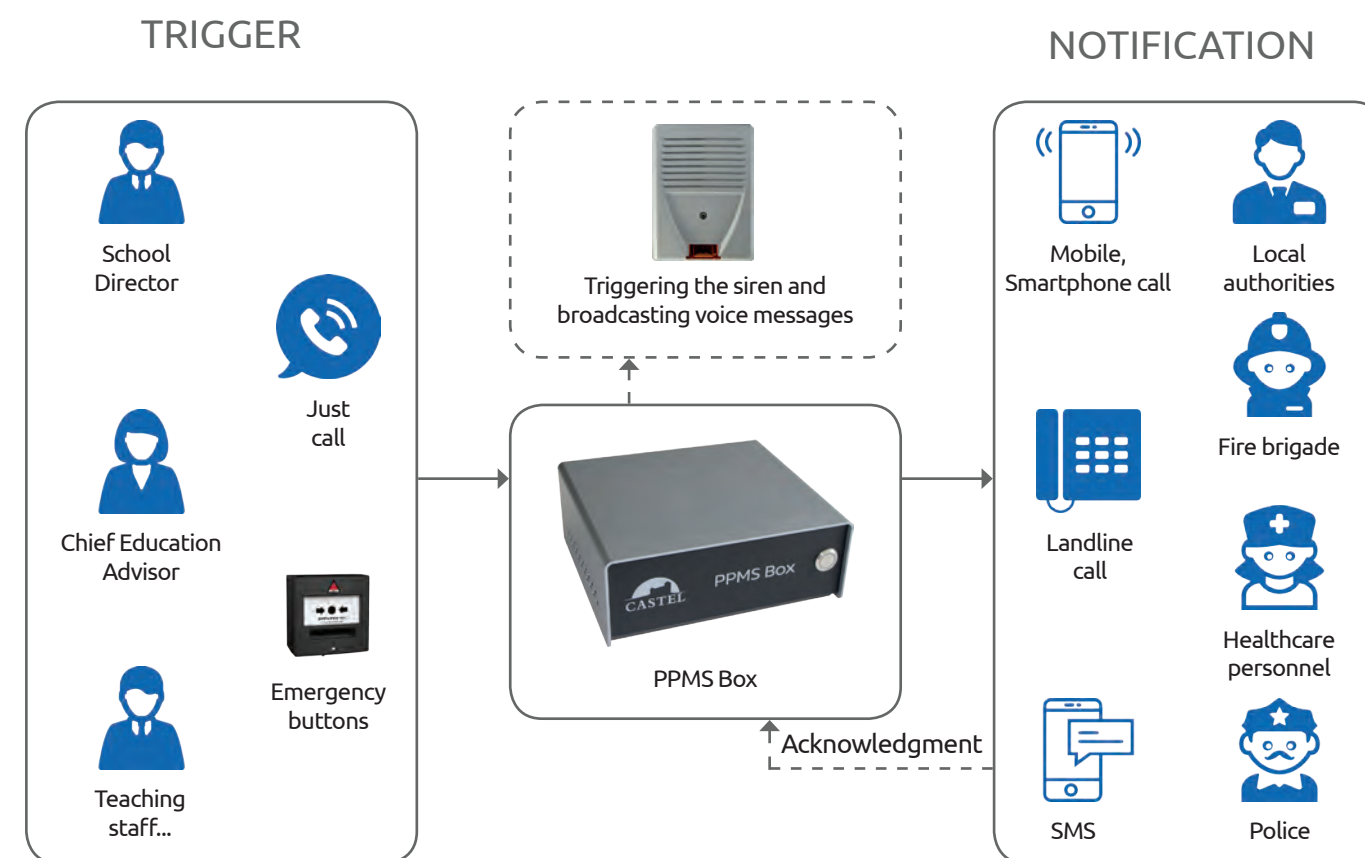


PPMS VOICE EXT

Outdoor siren and vocal messages player for PPMS
REF 360.8060

- > Outdoor use
- > Flashing light connection
- > 4 triggering inputs
- > Managing preset messages and repetition for each input
- > Allows 32 sirens bus connection
- > 12V power supply (not included)
- > H 245 mm x L 187 mm x P 85 mm

SCHEMATIC





Accessories

Bring you a global solution

Our main aim is to answer all specific requirements of your installation by bringing you a global solution. CASTEL can offer you multiple complementary accessories for its intercom and access control systems ranges.

VIDEO



MONITEUR COUL 10"

Colour Monitor 10" VGA and BNC
REF 310.0000

ALIM MONITEUR 10"

10" colour monitor power supply
(230V/12V 1.2A)
REF 310.0010



MONITEUR COUL 21"

Colour Monitor 21" VGA and BNC
REF 310.0100



DISTRI VIDEO 1E/4S

Video distributor 1 input and 4 outputs
REF 310.1000



DISTRI VIDEO 1E/8S

Video distributor 1 input and 8 outputs
REF 310.1100



DVR 8 CH

Numeric multiplexer 8 channels without
hard drive and 8 alarm inputs
REF 310.2000

DVR 16 CH

Numeric multiplexer 16 channels
without hard drive and 16 alarm inputs
REF 310.2100



KIT EMETTEUR/RECEPTEUR

Transmitter receiver Balun video kit,
1 pair Cat 5
REF 310.3000



ENCODEUR VIDEO IP

Convert an analog video signal (analog
intercom station camera) to an IP video
signal
REF 310.4100

INTRUSION



DETECTEUR BI VOLU

Dual technology volumetric detector
(IR and Microwave) with three-function
hemispherical Fresnel lens - NFA2PREF
320.0010



ROTULE DETECTEUR

Patented orientable ball joint for wall
or ceiling installation
REF 320.0110



DETECTEUR DOUB TECH EXT

Outdoor dual technology detector - IR
and microwave
REF 320.0500



SIRENE INT

Indoor NFA2P siren with battery
REF 320.0300



SIRENE EXT

Outdoor NFA2P siren with battery
REF 320.0600



ALIM 12V 2.2A

12VDC 2.2A saved power supply -
battery 17 Ah
REF 320.0400



CONTACT DE PORTE

Magnetic contact for surface mounting -
for door/window frames
REF 320.0200



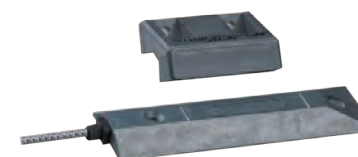
CONTACT DE PORTE NFA2P

Magnetic contact for flush mounting -
for door/window frames - NFA2P
REF 320.0900



DETECTEUR D'OUVERTURE NFA2P

Magnetic contact for surface mounting -
for door/window frames - NFA2P
REF 320.1000



CONTACT DE SOL SABOT

Magnetic contact for sliding/pivoting
doors - NFA2P
REF 320.1100



DETECTEUR BRIS DE VERRE

Glass break detector
REF 320.0800



TRANSMETTEUR TEL

Telephone transmitter - 8 inputs -
4 numbers - voice and digital
transmission
REF 320.5000



TRANSMETTEUR TEL SERIAL

Telephone transmitter - 4 numbers
(partial mode) or unlimited (full mode) -
voice and digital transmission
REF 320.5100





Accessories

ACCESS CONTROL



CLAVIER AUTONOME

Polycarbonate standalone coded keyboard (IP65) with 2 relays - 1 buzzer
REF 330.0000

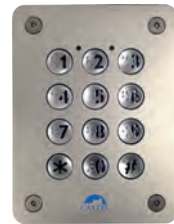
- > Blue backlight keys - 3 Leds
- > Tamper function
- > Programming through the front panel via a master code
- > Capacity: 100 user codes
- > Dimensions 120 x 36 x 83 mm - Power supply 12/24V 0,25V not included



CLAVIER AUTONOME AV

Zamak standalone coded keyboard (IP65 - IK10) with 2 relays - 1 buzzer
REF 330.0050

- > Blue backlight keys - 3 Leds
- > Tamper function
- > Programming through the front panel via a master code
- > Capacity: 100 user codes
- > Dimensions 120 x 36 x 83 mm
- > Power supply 12/24V 0,25V not included



CLAVIER AUTONOME BRAILLE

Standalone coded keyboard with backlit keys with Braille diameter 16 mm (blue)
REF 330.0200

- > 2 relays - Led and operating buzzer
- > Stainless steel vandal proof front panel
- > Flush mounted
- > Programming through the front panel via a master code
- > Dimensions 135 x 100 x 2,5 mm (flush-mounted with flush box D 40 mm)
- > 140 x 105 x 60 mm (surface-mounted with optional surface box REF 330.0150)
- > Power supply 12V not included



BP SORTIE

Push button
REF 330.1000

- > Integration inside housing box Ø 60 mm
- > Brush stainless steel front
- > Laser engraving «door»
- > Dimensions 90 x 90 x 1,5 mm



BP SORTIE H ZAMAK

Zamak push button (IP54 - IK09)
REF 330.1200

- > Compliant with disability regulations
- > Sound information through a buzzer and a green led for door opening information
- > Permanent blue led lighting
- > Braille marking and «door» screen printing
- > Integration inside housing box Ø 60 mm
- > Optional base for surface mounting REF 330.1250
- > Dimensions 90 x 90 x 24 mm (96 x 95 x 39 mm with base)
- > Power supply 12/24V not included



BBGV DOUBLE CONTACT

Green coverless manual trigger with 2 contacts
REF 320.3000



VENTOUSE ENCASTRE 300KG 24V

Magnetic lock flush mounting standard compliant NFS61937
REF 320.1200

- > Holding power 3000N
- > Length 230 mm
- > Width 38mm
- > Depth 27mm
- > 24V



VENTOUSE APPLIQUE 300KG 24V

Magnetic lock surface mounting standard compliant NFS61937
REF 320.1300

- > Holding power 3000N
- > Length 250mm
- > Width 42mm
- > Depth 25mm
- > 24V



GACHE 128 SS TET 10/24V

Stationary contact fail secure electrical strike
REF 320.1700

- > Height 66mm
- > Width 16mm
- > Depth 25,5mm
- > 10/24V



GACHE 128 E SS TET 10/24V

Stationary contact fail secure electrical strike
REF 320.1800

- > Manual opening
- > Height 66mm
- > Width 16mm
- > Depth 25,5mm
- > 10/24V

EQUERRE DE MONTAGE TYPE L

Angle bracket for surface mounting magnetic lock
REF 320.1400

EQUERRE DE MONTAGE TYPE L+Z

Angle bracket L and Z combine for surface mounting magnetic lock
REF 320.1500

BOITIER CONTROLE DE POSITION

Position control box - Equipped with a floating contact (standby position information: lock) and a floating contact (security position information: unlock)
REF 320.1600

TETIERE HZ INOX

Standard stainless faceplate with latch bolt and dead bolt opening
REF 320.1900

- > Length 250mm
- > Width 25mm
- > Thickness 3mm

CARDS PERSONNALISATION



IMPRIMANTE

Plastic card printer ZN1U0000RS ZENIUS
REF 330.5000



IMPRIMANTE DF

Plastic card printer PM1H0000RD PRIMACY (double face)
REF 330.5700



LOGICIEL PRO

eMedia-CS Software professional version
REF 330.5100



WEB CAM

Web quick pro webcam
REF 330.5400

RUBAN

5 panel colour ribbon YMCKO (for 100 printing)
REF 330.5200

KIT NETTOYAGE

Cleaning kit Regular ACL001 (for 1000 printing)
REF 330.5300

LACET

Plastic card holder lanyard
REF 330.5500

PORTE BADGE

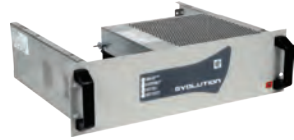
Plastic card holder
REF 330.5600





Accessories

POWER SUPPLIES



RACK ALIM 24V24A

24V 24A (rack) saved power supply - (batteries)
REF 350.1000



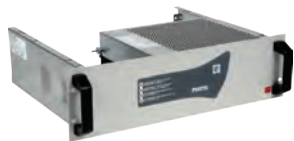
RACK ALIM 12V24A

12V 24A (rack) saved power supply - (batteries)
REF 350.1100



COFF ALIM 24V16A

24V 16A (boxed) saved power supply - (batteries)
REF 350.1200



RACK ALIM AES24V24A

AES 24V 24A (rack) saved power supply - (batteries)
REF 350.1300



ALIM AES 24V 3A S

AES 24V 3A 7Ah saved power supply - (batteries) standards compliant
NFS 61940
REF 350.1400



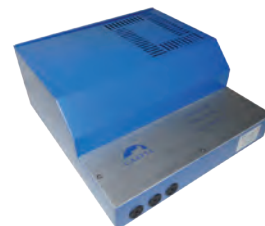
ALIM A24V 6A S

24V 6A (boxed) saved power supply - (batteries)
REF 350.1500



CONV 24/12V

24/12VDC 3A converter
REF 350.1600



A12V-3AS

12V 3A saved power supply - (batteries)
REF 350.1700

A24V-3A5-S8.5

24 VDC 3A saved power supply with batteries 8.5 Ah
REF 110.9200



A12V-1.25A

12 VDC 1.25A power supply (switch mode). Din rail mounting
REF 110.9300

AUDIO



HP/MICRO USB

Jabra Speak 410 MS Speakerphone USB
REF 300.0000



BOUCLE INDUCTION

Remote induction loop (integrated in ABS case and stainless steel front panel). Power supply 24V
REF 540.3100

NETWORK



IP 2 WIRES CONVERTER

Allows to connect a remote IP equipment on two wires (up to 500 meters on a twisted pair). Made of 1 module installed upstream and connected to the switch and 1 module installed downstream and connected to the remote IP equipment.
REF 310.5000

A48V-1,25A-J

48VDC 1.25A power supply including jack connector for IP 2 WIRES CONVERTER (distance > from 250m to 500m).
REF 540.6200

COLUMNS



POTELET VL XE PM

Aluminium post - Height 1,50m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- with a pre cut for small XE intercom unit
REF 590.9800

POTELET VL XE GM

Aluminium post - Height 1,50m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- with a pre cut for big XE intercom unit
REF 590.9810

POTELET VL XE SANS DECOUPE

Aluminium post - Height 1,50m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- without pre cut
REF 590.9880



POTELET PL XE PM

Aluminium post - Height 2,20m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- with a pre cut for small XE intercom unit
REF 590.9820

POTELET PL XE GM

Aluminium post - Height 2,20m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- with a pre cut for big XE intercom unit
REF 590.9830

POTELET PL XE SANS DECOUPE

Aluminium post - Height 2,20m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- without pre cut
REF 590.9890



POTELET VL/PL XE PM

Aluminium post - Height 2,20m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- with 2 pre cuts for small XE intercom units
REF 590.9840

POTELET VL/PL XE GM

Aluminium post - Height 2,20m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- with 2 pre cuts for big XE intercom units
REF 590.9850

POTELET VL CAP250

Aluminium post - Height 1,50m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- with a pre cut for CAP 250
REF 340.9800

POTELET VL CAP350

Aluminium post - Height 1,50m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- with a pre cut for CAP 350
REF 340.9810

POTELET PL CAP250

Aluminium post - Height 2,20m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- with a pre cut for CAP 250
REF 340.9820

POTELET PL CAP350

Aluminium post - Height 2,20m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- with a pre cut for CAP 350
REF 340.9830

POTELET VL/PL 2 CAP250

Aluminium post - Height 2,20m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- with 2 pre cuts for CAP 250
REF 340.9840

POTELET VL/PL 2 CAP350

Aluminium post - Height 2,20m
- RAL colour aluminium 9006 -
Ground plate mounting with 3 rawl plugs Ø 12 not provided
- with 2 pre cuts for CAP 350
REF 340.9850





PROXIMITY, AVAILABILITY AND RESPONSIVENESS.

Through its domestic technical divisions and a worldwide partner network, CASTEL is close to its customers and can provide top-level service, both in pre-sales and after-sales, in France and abroad.

PRE-SALES

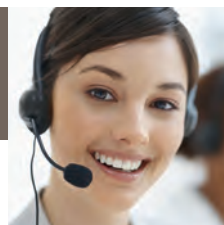
As a partner, we take part in the analysis of your end performance specifications (CCTP), to advise you on the most appropriate products.

Our Estimate Department provides an accurate estimate of your solution and builds with you your systems estimates. Each estimate can be associated with a setup and wiring block diagram.

HOTLINE

A Technical Assistance team will help you with any questions you may have and give you telephone assistance.

HOTLINE
+33 (0)2 41 40 41 42
Email : support@castel.fr



ENGINEERING - ON-SITE INTERVENTION

Upon request, CASTEL can help you with partial or full assistance in programming, validating and acceptance of your hardware on site.

Factory pre-programming of some of our hardware is also possible.

AFTER-SALES

Factory after-sales service guarantees the life of your equipment. All our equipment has a 2-year warranty for parts and labour. Beyond this period, we prepare estimates.

YOUR PRO AREA ON CASTEL'S WEBSITE

To provide you the best and responsive service, CASTEL has set up features on the website's pro area:

- > Access to product technical data sheets and installation documentation, block diagrams, standard end performance specifications
- > Possibility to enter your requests for equipment return and follow-up the procedure

TRAINING

Upon request, we prepare tailored training programmes for our products (installation, operation, maintenance) on site or in our premises, dedicated to installers and users.

In addition, annual standard training sessions are held. Feel free to call the Hotline for dates.

CASTEL is a training centre (business registered under no. 52.49.02686.49 with the Préfet of Pays de la Loire). As such, these training sessions can be funded by the employee benefit bodies (OPCA), and be eligible as part of the Statutory Training Scheme (CPF).

TRAINING LIST

FORM_XE_1J

1 Day training on IP intercoms - level 1
REF 801.5001

FORM_XE_2J

2 Days training on IP intercoms - level 1 & 2
REF 801.5002

FORM_VDIP_1J

1 Day training on access control - level 1
REF 801.1001

FORM_VDIP_2J

2 Days training on access control - level 1 & 2
REF 801.1002

FORM_SUP_IP

1 Day training on IP Supervision
REF 801.1003

FORM_IPEVIA

1 Day training on access control - Small and medium services
REF 801.1004

FORM_LECT

1 Day training on badges and readers
REF 801.1005

FORM_APERIO

1 Day training on Aperio solutions
REF 801.1801

FORM_MAY_1J

1 Day training on analog intercoms - level 1
REF 801.4001

FORM_MAY_2J

2 Days training on analog intercoms - level 1 & 2
REF 801.4002

FORM_SUP_MAY

1 Day training on Maylis supervision
REF 801.4003

FORM_PPMS

1/2 Half a day training PPMS solution
REF 801.3601

FORM_INTRA 1J

1 Day training at Castel site up to 8 people
REF 801.0001

FORM_INTRA 2J

2 Days training at Castel site up to 8 people
REF 801.0002





CASTEL SERVICE CONTRACTS

Peace of mind for you and your customers.

Nowadays, guaranteeing the service life of increasingly complex systems has become a major challenge.

A fault on one of the devices can be critical for access security. Guaranteeing this long service life requires a high service level.

That is why CASTEL has developed two new service level agreements for its installers and end customers to keep the sites fully operational and cover their upgrades.

CASTEL values its customers and wants to maintain their systems over time, thus these agreements are offered for new systems as well as for operational systems.



INSTALLER BENEFITS

You have real support from CASTEL technicians to interact with your teams, act and address your 'Customer' specific issues.

Priority will be given to your requests for product replacement, assistance and interventions.

You have an asset to value your own maintenance contract with your clients by fully meeting your performance requirements.

You benefit from our manufacturer status (quality and efficiency, qualified personnel, guaranteed in-stock equipment, etc.).

You provide your customers a high added value service...



END CUSTOMER BENEFITS

They have a solution to protect investments by increasing the life of equipment.

They can control their operating budget by ensuring a fixed annual maintenance cost.

They preserve the safety of their site by ensuring business continuity and operation of their installation.

ACCORDING TO THE SELECTED LEVEL, PRIVILEGE AND COMFORT CONTRACTS COVER THE FOLLOWING SERVICES:

	COMFORT	PRIVILEGE
Dedicated exclusive hotline	✓	✓
Teleassistance	✓	✓
Early replacement of defective equipment	D+2	D+1
Software assistance	✓	✓
Preventive annual audit	✗	✓
Software upgrades	✗	✓
On-site intervention (optional)	✗	- 50% on the initial price of an intervention (limited to 3 per year)

DEDICATED TECHNICAL ASSISTANCE

CASTEL technicians provide you with problem-solving solutions, assist you in operating your systems, either by telephone or by remote maintenance.

EARLY REPLACEMENT

Maintenance by early replacement allows the delivery of a replacement product within very short time frames.

SOFTWARE ASSISTANCE

Priority assistance to solve identified software issues, thanks to an in-depth analysis via our development department and the supply of a patch.

PREVENTIVE AUDIT

An annual audit to establish a complete analysis of the system to prevent any problems with the hardware and software environment.

ON-SITE INTERVENTION

Special discounts for on-site interventions to perform remedial maintenance operations within optimised time frames.

Subscribing to a CASTEL Service Level Agreement means having the guarantee of a sustainable system over time.



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