

CURIOSIS

# *Celloger Mini Plus*

*Real-time automated  
live cell imaging system  
inside your incubator*



Improve your research productivity by performing real-time cell monitoring and analysis using Celloger Mini Plus. Perform complex research and data analysis without taking the cells out of the CO<sub>2</sub> incubator, saving your precious time and effort while maintaining the quality of your experiments.

## Real-time walk-away monitoring

Remotely monitor live cells inside the incubator without disturbing the environment suitable for cell culture. You can monitor cells in real-time or with the time-lapse function, cell images are captured automatically according to your research protocol and videos are easily made with simple clicks.



## Multi-position imaging

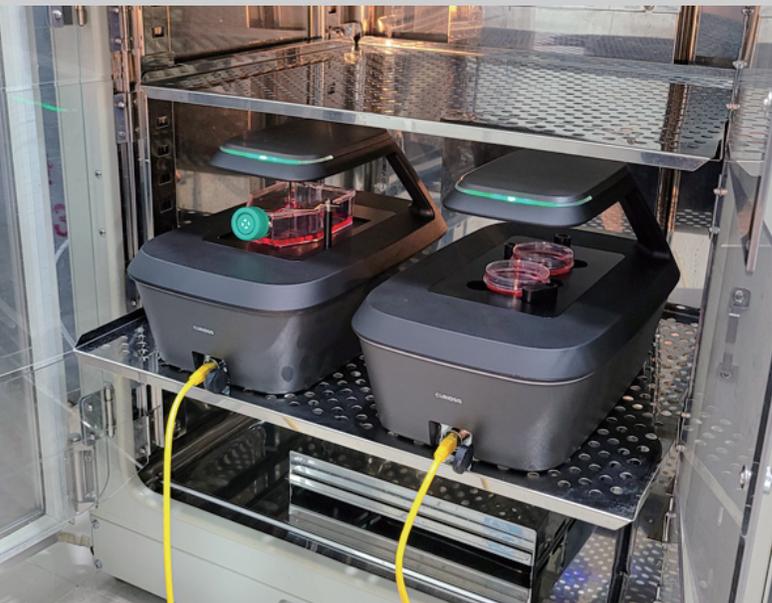
Using the motorized stages that travel 117mm x 77mm, x and y axis respectively, multiple points within the travel range can be captured following the schedule (intervals, cycles, total time) set by the researcher.



**Celloger Mini Plus** is equipped with advanced fluorescence and bright-field technology providing the highest quality images and time-lapse videos. Various cell-based research workflows and applications such as wound healing assay, cell proliferation, cytotoxicity assay, transfection efficiency, co-cultures, cell growth and confluence can be examined using this all-around system.

## Stable imaging performance

Precise and sensitive fluorescence detection is possible with the integrated hard-coated optical set and LED filter with more than 50,000-hour lifetime. The illumination can be precisely controlled by adjusting the gain, intensity, and offset value to produce the optimal light.



## Compatible with various vessel types

With Celloger Mini Plus, cells cultured in different vessel types can be imaged. Interchangeable vessel holders accommodate various vessel types including well-plate, culture flask, and culture dish.

### Specification

|               |  |
|---------------|--|
| Dimension     | 226 x 358 x 215mm  |
| Weight        | 5.6kg / 12.3lb   |
| Objective     | 4X / 10X   |
| Imaging modes | Brightfield, Fluorescence (Green / Red)  |
| Fluorescence  | Green : Excitation (470/40x) / Emission (510lp)<br>Red : Excitation (540/25x) / Emission (575lp) |
| Light source  | LED  |
| Camera        | 5MP CMOS   |
| Stage         | Motorized XYZ  |

### Ordering Information | Celloger Mini Plus

| Cat. No.     | Description                           |
|--------------|---------------------------------------|
| CRCLG-MPB04  | Bright field 4X                       |
| CRCLG-MPB10  | Bright field 10X                      |
| CRCLG-MPBG04 | Bright field + Green Fluorescence 4X  |
| CRCLG-MPBG10 | Bright field + Green Fluorescence 10X |
| CRCLG-MPBR04 | Bright field + Red Fluorescence 4X    |
| CRCLG-MPBR10 | Bright field + Red Fluorescence 10X   |

