

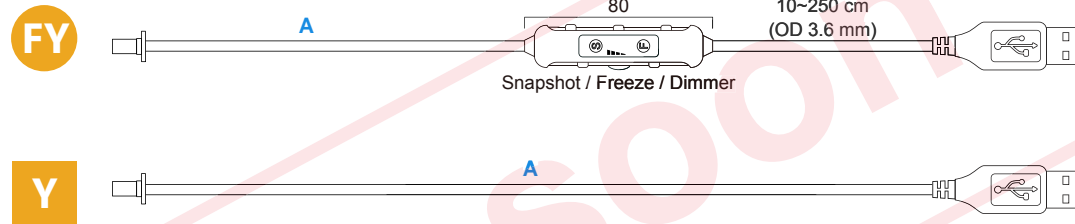
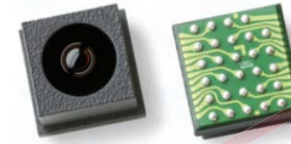
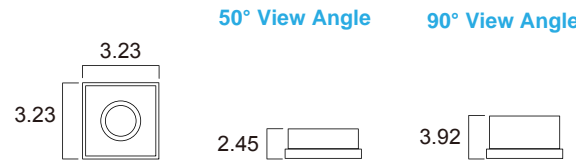
Feature

- Global shutter
- Ultra tiny size
- Application for eye tracking, security and surveillance, wearable device

Specification

| | | |
|---------------------------|---|--------------------------------------|
| Model No. | 170M4 | |
| Series | FY | Y |
| Snapshot and Freeze Frame | Support | N/A |
| Feature | Low temperature | |
| Interface | USB 3.0 | |
| Resolution | 400 x 400 @ 120 fps 200 x 200 @ 200 fps 100 x 100 @ 100 fps | |
| Video Format | MJPEG | |
| Image Sensor | 1/10.5" CMOS B/W Camera Module | |
| Pixel Size (µm) | 3.0 x 3.0 | |
| Image Area (mm) | 1.248 x 1.248 | |
| Shutter | Global | |
| Sensitivity | 2800 mV / (Lux-sec) @ 530 nm | |
| Dynamic Range | 66.5 dB @ 8x gain | |
| Storage Temperature | -30 to 60 Degree C | |
| Working Temperature | -10 to 45 Degree C | |
| Lens (specify which lens) | 50 | 1.68 mm / F 3.14 (H=37°;V=36°;D=50°) |
| | 90 | 0.776 mm / F 2.4 (H=70°;V=70°;D=90°) |
| Power Source | DC 5V (USB) | |
| Power Current | TBD mA | |
| Operating System | Windows 10, Linux, Mac OSX | |

B170M4 with Lens



FYD-B170M4LH-50A

| SERIES | CONNECTOR | CAMERA BODY | DISPLAY |
|--|--|--|------------------|
| USB 3.0 FY Low temperature Y Low temperature *F Snapshot and Freeze Frame | UVC Signal D USB Type A T USB Type C | Front View B Board type VB Board type + dimmer T Tube type V Tube type + dimmer | 170M4 B/W |
| LED | LENS | CABLE | |
| LH High-Intensity White LED | 50 1.68 mm / F 3.14 (50°) 90 0.776 mm / F 2.4 (90°) | Camera Head to Mainboard (Section One) A Cable OD 2.8 +0.1 mm (Max. 200 cm) | |
| Connector Information | | | |