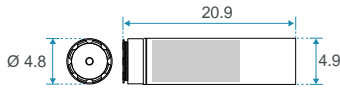
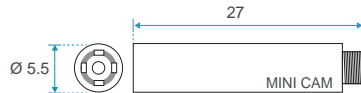


Board Type

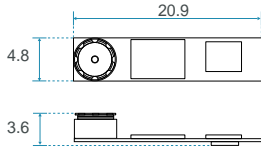
MX-B8F4 ,MO-B8S4



MX-T8F4LW ,MX-T8S4LW



MX-BL8F4 ,MX-BL8S4



Feature

- High Sensitivity!
- High Performance.
- 1/8" CCIQ III Color
- Ø 4.8 mm only
- 648 x 488 Pixel

Specification

unit : mm (±0.5)

| Model | MX-B8F4 | MX-B8S4 | MX-BL8F4 | MX-BL8S4 | MX-T8F4 | MX-T8S4 |
|----------------------------|-----------------------------------|---------|-----------------|----------|-------------------|---------|
| Pixel size | 2.8 um x 2.8um | | | | | |
| Effective Image Area | 1.814 mm x 1.366 mm | | | | | |
| Video system | NTSC / PAL | | | | | |
| Number of effective pixels | 648 x 488 (NTSC/PAL) | | | | | |
| Image sensor | 1/8" CCIQ III Color Camera | | | | | |
| Resolution(TV Lines) | 400 TV Lines | | | | | |
| S/N Ratio | 40.8 [dB] | | | | | |
| Dynamic range | 60.3 [dB] | | | | | |
| Sensor scan mode | progressive scan | | | | | |
| Minimum illumination | 1LUX / F1.2 | | | | | |
| Sensitivity | 1.06 [V/Lux.sec] | | | | | |
| Horizontal sync frequency | NTSC -15.734kHz , PAL - 15.625kHz | | | | | |
| Vertical sync frequency | NTSC - 60Hz , PAL - 50Hz | | | | | |
| Camera consumption | 0.45 | | | | | |
| Video output | 1Vp-p , 75ohm composite | | | | | |
| Built - lens | 1.498mm/ F3.2 | | | | | |
| Storage temperature | -30 to 60 Degree C | | | | | |
| Working temperature | -10 to 45 Degree C | | | | | |
| Power source | DC 3.3V | | | | | |
| Power current | 130 mA(max) | | | | | |
| Dimension (mm) | (D) 4.8 x 20.9 (mm) | | 4.8 x 20.9 (mm) | | (D) 5.5 x 27 (mm) | |



Order information

| Model | AGC | Max. Frame Rate | Note |
|-----------|---|----------------------------------|--------------------------|
| MX-B8F4K | AGC 8X (for Endoscope application) | 15 fps Super Low light series | board only |
| MX-T8F4K | | | Tube type |
| MX-T8F4LK | | | White LED x 4, Tube type |
| MX-BL8F4K | | | board only |
| MX-B8S4K | AGC 32X (for Surveillance application) | | board only |
| MX-T8S4K | | | Tube type |
| MX-T8S4LK | | | White LED x 4, Tube type |
| MX-BL8S4K | | | board only |
| MX-B8F4 | AGC 8X (for Endoscope application) | 15~30 fps | board only |
| MX-T8F4 | | | Tube type |
| MX-T8F4L | | | White LED x 4, Tube type |
| MX-BL8F4 | | | board only |
| MX-B8S4 | AGC 32X (for Surveillance application) | | board only |
| MX-T8S4 | | | Tube type |
| MX-T8S4L | | | White LED x 4, Tube type |
| MX-BL8S4 | | | board only |