



unit : mm (±0.5)

Feature

- High Sensitivity!
- High Performance & Super low light.
- 450 TV lines
- Compact size

Specification

| | | |
|----------------------------|--|----------------|
| Model | MX-B6107K | MX-B6107 |
| Video system | NTSC / PAL | |
| Number of effective pixels | 720 x 480(NTSC) / 720 x 576(PAL) | |
| Image sensor | 1/7" Hybrid Sensitivity CMOS color | |
| Resolution(TV Lines) | 450 TV Lines | |
| S/N Ratio | 36 [dB] | |
| Max Dynamic Range | 66 dB @ 8x gain | |
| Sensor scan mode | progressive scan | |
| Minimum illumination | 0.03 Lux / 50IRE, 15 fps-LED turn off / 60cm) 0.03 Lux / 140IRE, 15 fps-LED turn on / 60cm) | |
| Sensitivity | 7 ke/Lux-sec | |
| Frame Rate | 15fps | 15fps or 30fps |
| Horizontal sync frequency | NTSC/EIA -15.734kHz , PAL/CCIR - 15.625kHz | |
| Vertical sync frequency | NTSC/EIA - 60Hz , PAL/CCIR - 50Hz | |
| Gamma consumption | 0.45 | |
| Video output | 1Vp-p , 75ohm composite | |
| LED | optional | |
| Storage temperature | -30 to 60 Degree C | |
| Working temperature | -10 to 45 Degree C | |
| Power source | Camera input: DC 3.3V | |
| Power current | 80 mA(max)-DC 3.3V | |
| Dimension (mm) | Ø6.8x15.9 mm | |



Ordering information

| Hybrid Sensitivity Series | Model | Frame rate | LED | Output | Lens | | |
|---------------------------|------------------|----------------|---------------|---------------|-----------------------|-------------|-------------|
| MX- | B6107KW- | 15fps | none | 3 wires | 2ES | 2.3mm/F2.6 | |
| | B6107KLW- | | white LED x 6 | | 2V | 2.83mm/F3.9 | |
| | B6107W- | 15fps or 30fps | none | | 3E | 3.0mm/F2.4 | |
| | B6107LW- | | white LED x 6 | | 3H | 2.92mm/F2.2 | |
| | T6108K- | 15fps | none | | cable to 4 pin (male) | 3K | 2.8mm/F3.9 |
| | T6108KL- | | white LED x 6 | | | 3M | 3.4mm/F2.8 |
| | T6108- | 15fps or 30fps | none | | | 3TC | 3.5mm/F3.5 |
| | T6108L- | | white LED x 6 | | | 3TF | 3.5mm/F3.5 |
| | | | | | | 3W | 2.84mm/F3.9 |
| | | | | | | 3X | 3.4mm/F2.8 |
| | | | 43F | 4.3mm/F2.0 | | | |
| | | | 6F | 6.38mm / F4.4 | | | |

Image area customized, ordering in advance!! (1/5"~1/25.7")