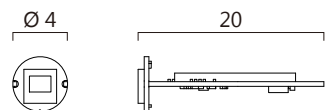
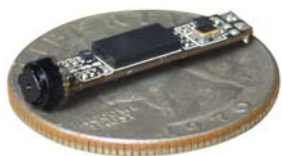


Unit: ± 0.5 mm

**Feature**

- High Sensitivity!
- High Performance.
- Night Vision / Low Light Camera.
- Compact Size.

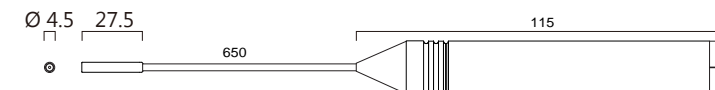
**MX-B1004**  
Module type



**MX-T1004**  
Tube type



**MX-L1004**  
Snake type



**Specification (Camera)**

| Model No.                 | MX-B1004KL   | MX-B1004L | MX-T1004KL | MX-T1004L |
|---------------------------|--|-----------|------------|-----------|
| Frame Rate                | 15 fps   | 30 fps    | 15 fps     | 30 fps    |
| Video system              | NTSC / PAL   |           |            |           |
| Pixel Size (um)           | 2.125 x 2.125  |           |            |           |
| Active Image Size (mm)    | 1.370 (H) x 1.040 (V) x 1.720 (D)                              |           |            |           |
| Effective Pixels          | 640 x 480  |           |            |           |
| Image Sensor              | 1/10" Hybrid Sensitivity CMOS Color                            |           |            |           |
| Resolution (TV Lines)     | 450 TV Lines   |           |            |           |
| Sensor Scan Mode          | Internal scan  |           |            |           |
| Horizontal Sync Frequency | NTSC / EIA -15.734 kHz; PAL / CCIR - 15.625 kHz                |           |            |           |
| Vertical Sync Frequency   | NTSC / EIA - 60 Hz; PAL / CCIR - 50 Hz                         |           |            |           |
| Gamma Consumption         | 0.45   |           |            |           |
| Video Output              | 1Vp-p , 75ohm composite  |           |            |           |
| LED                       | LED x 6<br>White / IR 940nm / IR 850nm (Specify when ordering) |           |            |           |
| Storage Temperature       | -30 to 60 Degree C   |           |            |           |
| Working Temperature       | -10 to 45 Degree C   |           |            |           |
| Power Source              | Camera input: DC 3.3V  |           |            |           |
| Power Current             | 130 mA(max)-DC 3.3V  |           |            |           |
| Dimension (mm)            | Ø 4  |           | Ø 4.5 x 27 |           |

- Auto Exposure
- Black Level Calibration
- Brightness
- Lens Shading Correction

- Auto White Balance
- On-Chip Dead Pixel Correction
- Gamma Correction

- Noise Reduction
- Edge Enhancement
- Color Correction

**MX-B1004L-65**

| SERIES                    | CONNECTOR              | CAMERA BODY         | DISPLAY                     | LED                 | LENS  |
|---------------------------|------------------------|---------------------|-----------------------------|---------------------|---|
| <b>MX</b> Low Light       | <b>CVBS Signal</b>     | <b>Front View</b>   | <b>All Type</b>             |                     |   |
|                           | <b>N/A</b> Mini 4 Pin  | <b>B</b> Board type | <b>1004</b> Color           | <b>L</b> White LED  | <b>50</b> 1.83 mm / F 2.0 (M 4 x P 0.2)     |
|                           | <b>J</b> Phone Jack    | <b>T</b> Tube type  | <b>10M4</b> B/W             | <b>L9</b> IR 940 nm | <b>62</b> 1.498 mm / F 2.0 (M 3.5 x P 0.3)  |
|                           | <b>Q</b> M8 Waterproof | <b>L</b> Snake type | <b>1004K</b> Color          | <b>L8</b> IR 850 nm | <b>65</b> 1.33 mm / F 2.0 (M 3.5 x P 0.2)   |
|                           | <b>F</b> RCA / DC      |                     | <b>10M4K</b> B/W            |                     | <b>65Y</b> 1.33 mm / F 2.0 (M 3.5 x P 0.2)  |
|                           |                        |                     | <b>* K</b> 30fps Frame Rate |                     | <b>100</b> 1.10 mm / F 2.0 (M 2.6 x P 0.25) |
| <b>* Y</b> With YR Filter |                        |                     |                             |                     |   |

\* IR 940nm or IR 850nm LED is suggested to choose B/W camera type.

**Connector Information**

NOTE:  
**G** GND  
**A** AUDIO  
**P** DC POWER  
**V** VIDEO