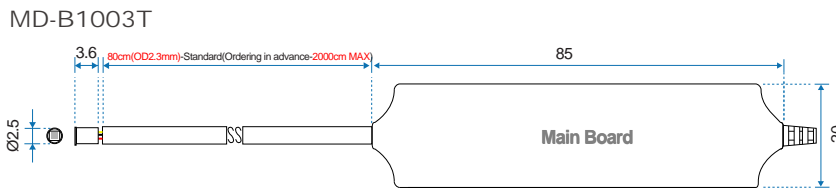
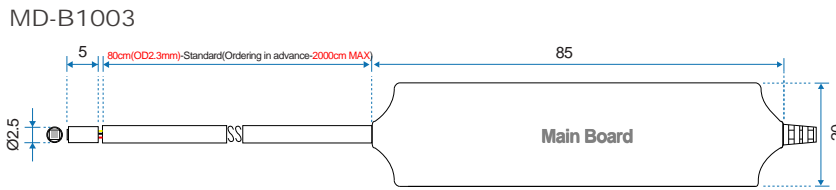
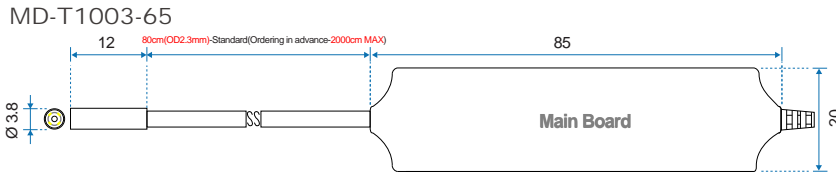
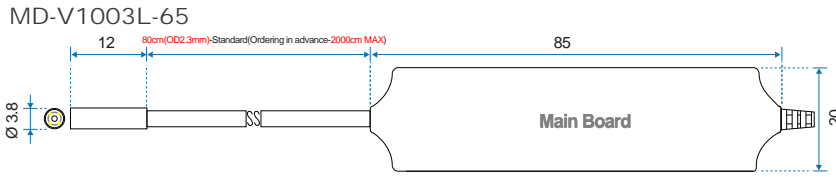


**Tube Type**



Unit : mm (± 0.5)

**Feature**

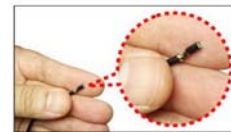
- Compact size.
- 2.5 mm Only(MO-B1003) !!
- High Performance.
- Outstanding Quality!
- Competitive Price!



▲ MD-V1003L-65



▲ MD-T1003-65



▲ MD-B1003



▲ MD-B1003T

**Specification**

| Model                      | MD-V1003L-65  | MD-T1003-65   | MD-B1003   | MD-B1003T  |
|----------------------------|---|---|--|--|
| Number of effective pixels | 400 x 400   |   |  |  |
| Image sensor               | 1/10" CCIQ II Color Camera  |   |  |  |
| LED Light                  | white light LED x4  | W/O LED   | W/O LED  | W/O LED  |
| Resolution(TV Lines)       | 300 TV Lines  |   |  |  |
| Minimum illumination       | 2Lux /F3.4  |   |  |  |
| Frame rate                 | 30 fps  |   |  |  |
| OS Support                 | vista, window XP, windows 7, windows 8 , windows 10                           |   |  |  |
| Storage temperature        | -30 to 60 Degree C  |   |  |  |
| Working temperature        | -10 to 45 Degree C  |   |  |  |
| Built-in Lens              | 1.49mm /F5.0  |   | W/O LENS   |  |
| Connector                  | USB 2.0 A type  |   |  |  |
| Power source               | Camera :DC 5 V  |   |  |  |
| Power current              | 200 mA-max  |   |  |  |
| Dimension (mm)             | Seneor board :3.8 x 12 (mm)<br>+ cable: 800(mm)<br>+ main board :20 x 85 (mm) | Seneor board :3.8 x 12 (mm)<br>+ cable: 800(mm)<br>+ main board :20 x 85 (mm) | Seneor board :2.5 x 5 (mm)<br>+ cable: 800(mm)<br>+ main board :20 x 85 (mm) | Seneor board :2.5 x 3.6 (mm)<br>+ cable: 800(mm)<br>+ main board :20 x 85 (mm) |

**Ordering Information**


| MODEL        | LED Light                              | W/Lens        | Diameter    |
|--------------|--|---------------|-------------|
| MD-V1003L-65 | LED x 4 (with dimmer switch)           | 1.498mm/F 5.0 | 3.8 mm ONLY |
| MD-V8003L-65 | IR 850 nm LED x 4 (with dimmer switch) | 1.498mm/F 3.1 | 3.8 mm ONLY |
| MD-T1003-65  | W/O LED                                | 1.498mm/F 5.0 | 3.8 mm ONLY |
| MD-T1003-120 | W/O LED                                | 1.11mm/ F 2.8 | 3.6 mm ONLY |
| MD-B1003-62  | W/O LED                                | 1.43mm/ F 3.2 | 3.4 mm ONLY |
| MD-B1003-65  | W/O LED                                | 1.498mm/F 5.0 | 3.4 mm ONLY |
| MD-B1003     | W/O LED                                | W/O Lens      | 2.5 mm ONLY |

**NOTE**

MD-B3003: AGC OFF  
 MD-B7003: 1/10" B/W CCIQ II  
 MD-B1003: holder and lens detachable  
 cable length(sensor board to main board): 80CM-Standard(Ordering in advance-200cm MAX)

**Lens Information**

There are five lenses apply to **MO-B1003**

| IMAGE   | MODEL          | LENS   | DIMENSION        |
|---|----------------|--|------------------|
|  | LP1532IR-31    | 1.498mm/ F 3.1<br>(W/IR 645 nm filter)<br>MAX image circle: 2.4mm                                      | Ø 3.1 mm         |
|  | LP1550IR-31    | 1.498mm/ F 5.0<br>(W/IR 645 nm filter)<br>MAX image circle: 2.4mm                                      | Ø 3.1 mm         |
|  | LP1550IR-31-01 | 1.498mm/ F 5.0<br>(W/IR 645 nm filter)<br>MAX image circle: 2.4mm<br>with OD3.8mm tube and 3.4mm glass | Ø 3.1 mm         |
|  | LP1570IR-31    | 1.498mm/ F 7.0<br>(W/IR 645 nm filter)<br>MAX image circle: 2.4mm                                      | Ø 3.4 mm(w/ LED) |
|  | LP10062IR-M2   | 1.43mm/ F 3.2<br>(W/IR 645 nm filter)<br>MAX image circle: 2.0mm                                       | Ø 3.4 x 6.95 mm  |
|  | LP10062IR-M    | 1.43mm/ F 3.2<br>(W/IR 645 nm filter)<br>MAX image circle: 2.0mm                                       | Ø 3.4 x 5.8 mm   |
|  | LP10120IR      | 1.11mm/F 2.8<br>(W/IR 645nm filter)<br>MAX image circle: 1.9mm   | 4.48 x 4.48 mm   |
|  | LP10120IR-M    | 1.11mm/F 2.8<br>(W/IR 645nm filter)<br>MAX image circle: 1.9mm   | Ø 3.25mm         |