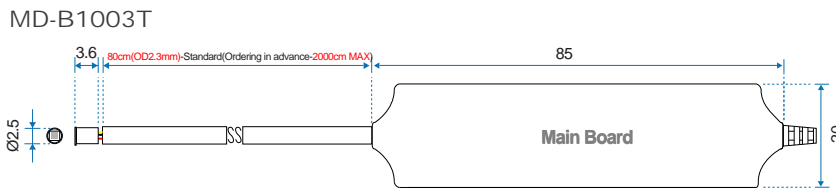
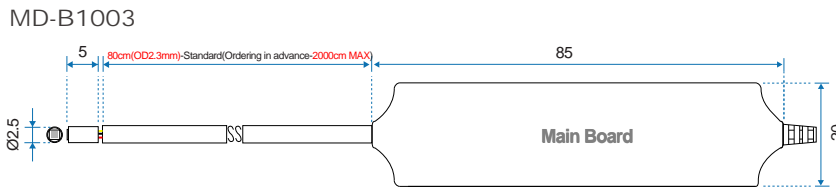
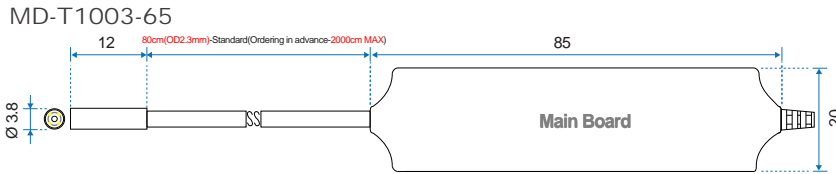
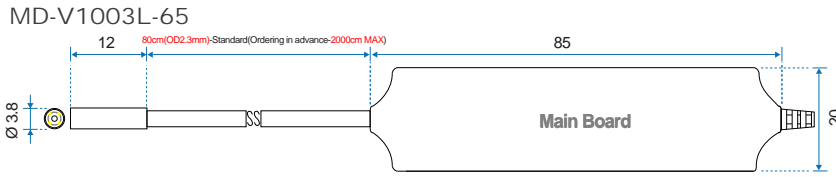


Tube Type



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)	Sensor board :3.8 x 12 (mm) + cable: 800(mm) + main board :20 x 85 (mm)	Sensor board :3.8 x 12 (mm) + cable: 800(mm) + main board :20 x 85 (mm)	Sensor board :2.5 x 5 (mm) + cable: 800(mm) + main board :20 x 85 (mm)	Sensor board :2.5 x 3.6 (mm) + cable: 800(mm) + 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-B1003-120	W/O LED	1.11mm/ F 2.8 (LP10120IR)separately	2.5 mm ONLY
MD-B1003-120-M	W/O LED	1.11mm/ F 2.8 (LP10120IR-M)separately	2.5 mm ONLY
MD-B1003	W/O LED	W/O Lens	2.5 mm ONLY

NOTE

MO-B3003: AGC OFF
 MO-B7003: 1/10" B/W CCIQ II
 MO-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 (W/IR 645 nm filter) MAX image circle:2.4mm	Ø 3.1 mm
	LP1550IR-31	1.498mm/ F 5.0 (W/IR 645 nm filter) MAX image circle:2.4mm	Ø 3.1 mm
	LP1550IR-31-01	1.498mm/ F 5.0 (W/IR 645 nm filter) MAX image circle:2.4mm with OD3.8mm tube and 3.4mm glass	Ø 3.1 mm
	LP1570IR-31	1.498mm/ F 7.0 (W/IR 645 nm filter) MAX image circle:2.4mm	Ø 3.4 mm(w/ LED)
	LP10062IR-M	1.43mm/ F 3.2 (W/IR 645 nm filter) MAX image circle:2.0mm	Ø 3.4 x 5.8 mm
	LP10120IR	1.11mm/F 2.8 (W/IR 645nm filter) MAX image circle:1.9mm	4.48 x 4.48 mm
	LP10120IR-M	1.11mm/F 2.8 (W/IR 645nm filter) MAX image circle:1.9mm	Ø 3.25mm