

Feature

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

Unit : mm (± 0.5)

Model: Mx-B1003T No lens 	Model: Mx-B1003 No lens 	Model: Mx-V1003TL 65° lens, white LED x 4 	Model: Mx-V1003L 65° lens, white LED x 4
Model: MO-V10S3L UVC singal, short type(main board), dimmer 			
Model: Mx-V10S3L CVBS singal, short type(main board), dimmer 			
Model: MD-V1003L UVC singal, dimmer 			
Model: MD-V1003L CVBS singal, dimmer 			

Specification

Model	MO-V10S3TL	MO-V1003TL	MO-V10S3L	MO-V1003L	MD-V10S3TL	MD-V1003TL	MD-V10S3L	MD-V1003L
Dimension(mm)	Ø3.8x10.5+80+17x34+100	Ø3.8x10.5+80+20x80+100	Ø3.8x12+80+17x34+100	Ø3.8x12+80+20x80+100	Ø3.8x10.5+80+17x34+100	Ø3.8x10.5+80+20x80+100	Ø3.8x12+80+17x34+100	Ø3.8x12+80+20x80+100
Interface	white LED x 4 RCA male/DC JACK				white LED x 4 USB 2.0 (Compliant with USB Video Class 1.1 standard)			
Output format	CVBS				MJPEG			
Operating system					Windows7, windows8, Linux, Android			
Power source	DC 5~12V				DC 5V (USB)			
Max. frame rate	400 x 400@30fps							
Pixel size	3.0 μm x 3.0 μm							
Image sensor	1/10" Color CMOS Camera Module							
Image area	1224 x 1212 μm							
Scan mode	progressive							
Sensitivity	3.0 mV/Lux-sec							
Dynamic range	68 dB @ 8x gain							
Storage temperature	-30 to 60 Degree C							
Working temperature	-10 to 45 Degree C							
Lens	65° / 120° -specify when ordering							
Focus distance(mm)	infinity	50-20-70mm (20~infinity-specify when ordering)			infinity	50-20-70mm (20~infinity-specify when ordering)		

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-M2	1.43mm/ F 3.2 (W/IR 645 nm filter) MAX image circle:2.0mm	Ø 3.4 x 6.95 mm
	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

MD-B1003TL-65



1 CONNECTOR	2 TYPE	3 CAMERA TYPE	4 LED	5
MD USB 2.0 A type MM Micro USB OTG B type MT USB type-C MO RCA female/DC plug	B Board type (module) VB Board type (module) +dimmer function T Tube type V Tube type +dimmer function	1003T color (camera head is short type) 1003 color 10S3T color (camera head and main board are both short type) 10S3 color (main board is short type)	L white LED L9 IR940nm LED L8 IR850nm LED	65 1.498mm/F 5.0 (65°) 120 1.11mm/F2.8 (120°)
MD, MM, MT: UVC signal MO: CVBS signal			with IR LED suggest to choose B/W type	3.4mm/F6.0 (65°)-camera with LED light 120° lens with tube(no LED) diameter is Ø3.6mm 120° lens with tube(W/ LED) diameter is Ø5mm

