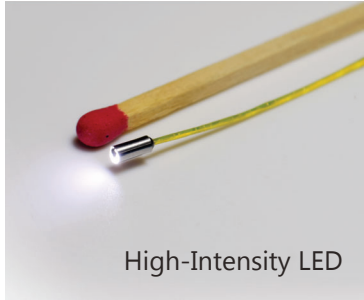


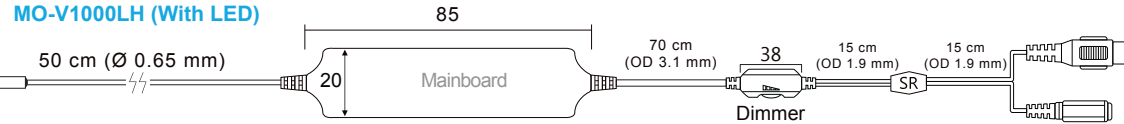
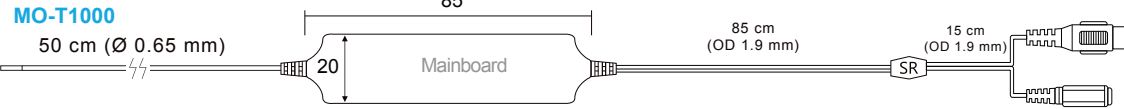
Unit: +0.05 -0 mm

Feature

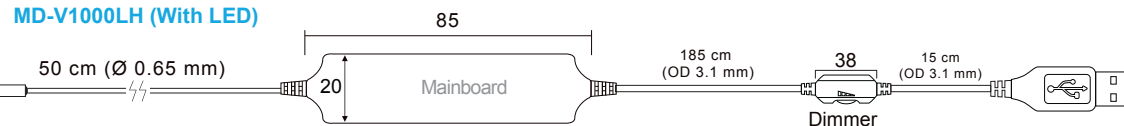
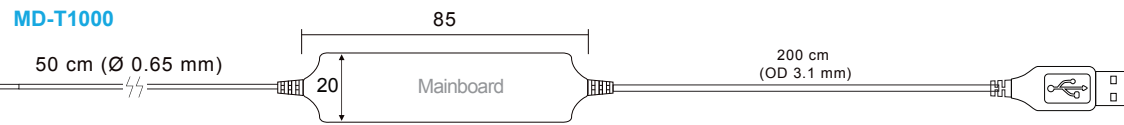
- The smallest camera, Ø 0.91 Ultra tiny!
- Medical camera module!
- Ultra-compact size!



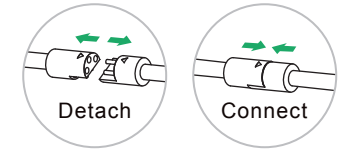
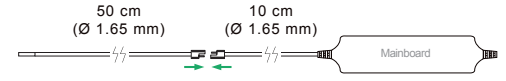
CVBS SERIES



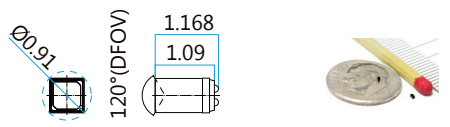
UVC SERIES



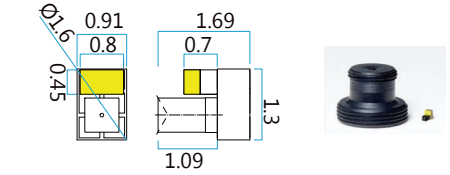
Detachable Nano Connectors
(Customize Option)



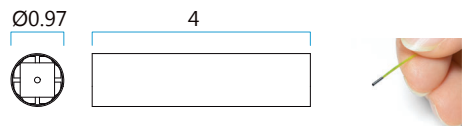
B1000
120° Lens / Front View



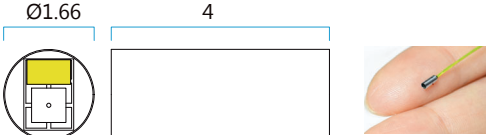
VB1000LH (Dimmer)
High-Intensity LED x 1 / 120° Lens / Front View



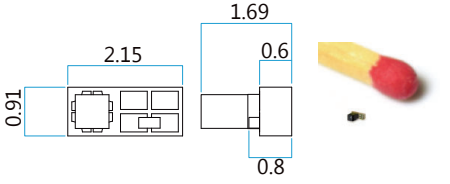
T1000
120° Lens / Front View



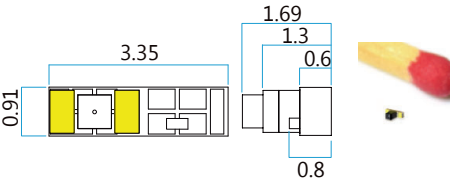
V1000LH (Dimmer)
High-Intensity LED x 1 / 120° Lens / Front View



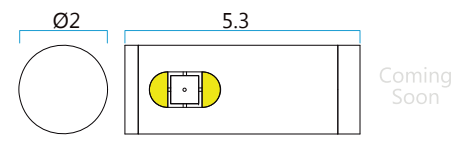
BL1000
120° Lens / Side View



VBL1000LH (Dimmer)
High-Intensity LED x 2 / 120° Lens / Side View



VL1000LH (Dimmer)
High-Intensity LED x 2 / 120° Lens / Side View



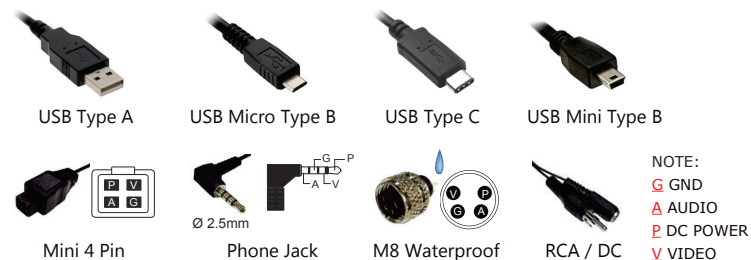
Specification

Series	MO-B1000-120	MD-B1000-120
Interface	RCA Female / DC Jack	USB 2.0 (Compliant with USB Video Class 1.1 standard)
Output Format	CVBS	YUV
Operating System	CVBS Device	Windows 7, Windows 8, Windows 10, MAC OS, Linux, Android
Power Source	DC 5~12V	DC 5V (USB)
Frame Rate (Max.)	200 x 200 @ 30 fps	
Pixel Size (µm)	1.75 x 1.75	
Image Sensor	1/36" Color CMOS Camera Module	
Image Area (µm)	364 x 364	
Scan Mode	Progressive	
Sensitivity	1000 mV / Lux-sec	
Dynamic Range	60.2 dB @ 1x gain	
Storage Temperature	-30 to 60 Degree C	
Working Temperature	-10 to 45 Degree C	
Lens	0.175mm / F 2.8	
Angle Of View	120 degree (D)	
Focus Distance (mm)	FID 03-50 (Fixed)	

Available for UVC and CVBS signals

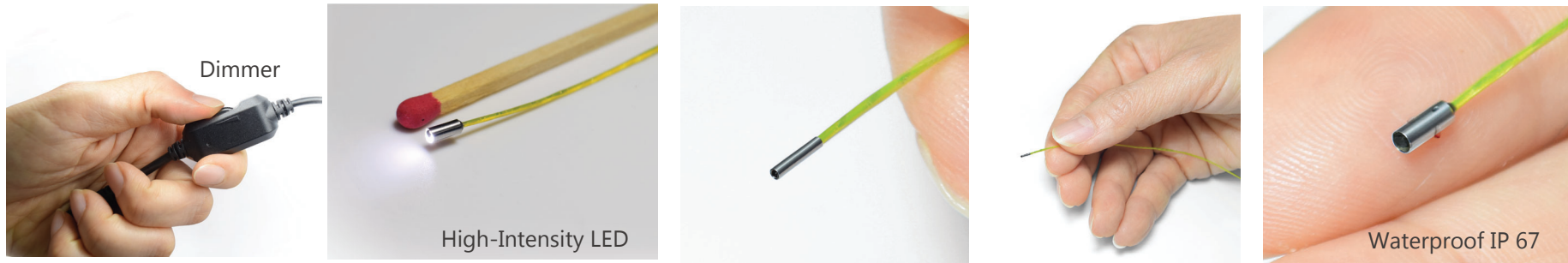
Model No.	Dimensions (mm)	Orientation	Camera type	LED	Dimmer
B1000	Ø 0.91 × 1.168	Front View	Board	N/A	N/A
VB1000LH	Ø 1.6 × 1.69	Front View	Board	1 pcs	●
BL1000	0.91 × 2.15	Side View	Board	N/A	N/A
VBL1000LH	0.91 × 3.35	Side View	Board	2 pcs	●
T1000	Ø 0.97 × 4	Front View	Tube	N/A	N/A
V1000LH	Ø 1.66 × 4	Front View	Tube	1 pcs	●
VL1000LH	Ø 2 × 5.3	Side View	Tube	2 pcs	●

Connector Information



MD-B1000LH-120X

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	LED	LENS	CABLE (Sensor board to mainboard)
M Basic	UVC signal	Front View	1000 Color 7000 B/W	Front View	120 0.175 mm / F 2.8 (120°)	Code O.D UVC (Max) CVBS (Max) Note
	D USB 2.0 Type A M USB 2.0 Micro Type B (OTG) T USB 2.0 Type C I USB 2.0 Mini Type B	B Board Type VB Board Type + Dimmer T Tube Type V Tube Type + Dimmer		LH High-Intensity White LED x 1		Side View
	CVBS signal	Side View		LH High-Intensity White LED x 2		C Ø 1.2 50~180 cm 50~140 cm LED Unavailable
	O RCA female / DC plug	BL Board Type VBL Board Type + Dimmer VL Tube Type + Dimmer				X Ø 1.35 50~210 cm 50~130 cm Available To Add LED
						E Ø 1.6 50~400 cm 50~400 cm Available To Add LED
						B Ø 1.65 50~150 cm 50~130 cm Available To Add LED
						* OD Cable OD unit mm



Built-in High Intensity LED

Camera with high intensity LED is designed for medical and industrial applications.

Two options for camera LED:

1. With dimmer controller user can adjust camera brightness.
2. On / Off switch controller



Ultra Tiny Size and Excellent Image Quality

1/36" CMOS (OVM6948) image camera with 200 x 200 pixel. Tiny dimension perfect for medical endoscopes, borescopes or other small diameter inspection devices.



Analog / Digital Signal Output

Two types of signals (analog / digital) for your choice. Driver free for any OS(Windows, MAC OS, Linux) as digital camera signal output version.



Waterproof IP 67

Protected from dust ingress and moisture.



Medical Application Ideas

Tiny dimension perfect for medical endoscopes, borescopes or other small diameter inspection devices.

Compact size camera enable easy and comfortable inspection process; instead of tedious inspection process caused by traditional larger size cameras.