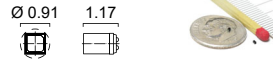


**Feature**

- Mini Size,
- High Sensitivity,
- High Performance!

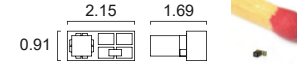
**B1000 (120°)**



**B1000LH (120°)**



**BL1000 (120°)**



**BL1000LH (120°)**



**Specification**

Model No.	B1000	B1000LH	BL1000	BL1000LH
Dimensions (mm)	Ø 0.91 x 1.17	Ø 1.6 x 1.69	0.91 x 2.15	0.91 x 3.35
Orientation	Front View			
Camera Type	Board Type			
Video Format	MJPEG / YUV (UVC); NTSC / PAL (CVBS)			
Image Sensor	1/36" Color CMOS Camera Module			
Resolution	200 x 200 @ 30 fps			
Pixel Size (um)	1.75 x 1.75			
Image Area (mm)	0.36 x 0.36			
Sensitivity (Lux.Sec)	1000 mV			
Dynamic Range	67.1 dB @ 8x gain			
S/N Ratio	34.4 dB			
Scan Mode	Progressive			
Shutter	Rolling			
Lens	Please Check Model Information Table.			
View Angle	Please Check Model Information Table.			
Focus Distance (mm)	12-03-30			
LED	N/A	LED x 1	N/A	LED x 2
Storage Temp.	-30 to 60 Degree C			
Working Temp.	-10 to 60 Degree C			
Interface	USB 2.0; CVBS			
Power Supply	5V (UVC); 5~12 V (CVBS)			
Power Current	120 mA (Max.)			
Microphone	N/A			
Operation System (UVC)	Win XP, Win Vista, Win 7, Win 8, Win 10 Linux, MAC OSX			

\* Working temperature means the camera device, not environment temperature.

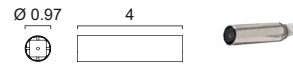
**1000**



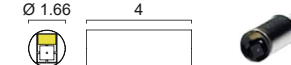
▲ MD-V1000ZLG-120



**T1000-120 (120°)**



**T1000LH-120 (120°)**

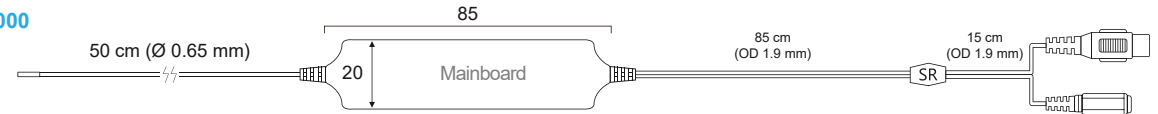


**TL1000LH-120 (120°)**

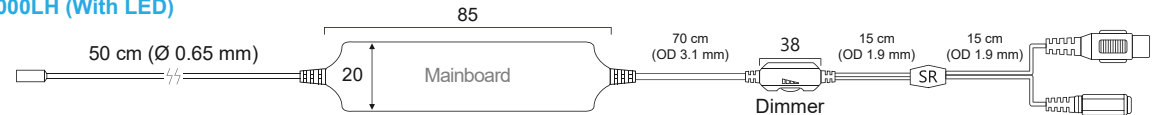


**CVBS**

**MO-T1000**

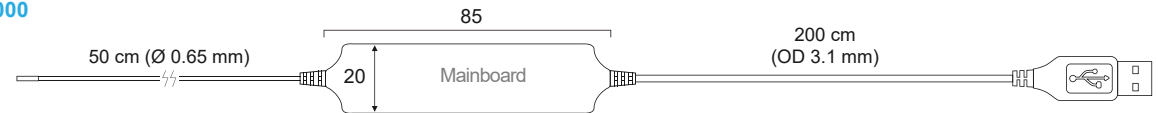


**MO-V1000LH (With LED)**

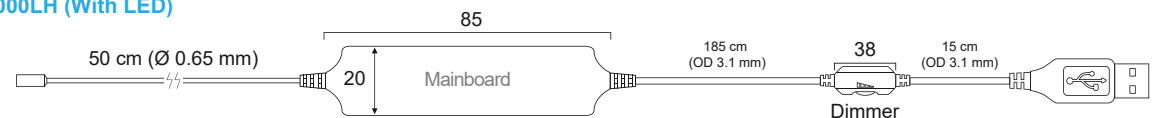


**UVC**

**MD-T1000**



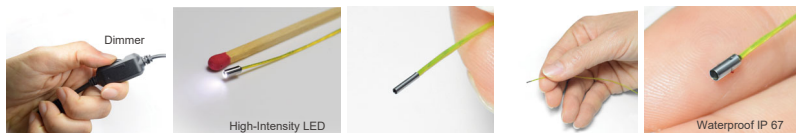
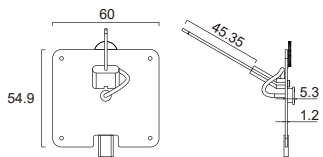
**MD-V1000LH (With LED)**



Customize



▲ MT-V1000LF-120 (-xx)



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 (OV6948) 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.



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.

MD-V1000LH-120D

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LED	LENS
(F)M Basic	<b>CVBS</b> O RCA / DC J Phone Jack Q M8 Waterproof  <b>UVC (USB)</b> D Type A T Type C E TE Industrial Mini I/O Type II (2040008-2) (USB 2.0 Only)	<b>Front View</b> (V)B Board Type T Tube Type V Tube Type  <b>Side View</b> (V)BL Board Type TL Tube Type VL Tube Type  *V Dimmer Controller	<b>Color</b> 1000 1000Z  <b>Dimensions</b> Ø 0.91 x 1.17 Ø 1.4 x 220 (Handle Bar)	N/A None	N/A None White LH High-Intensity 1000Z White LF High-Intensity (with Optical Plastic Fiber) LG High-Intensity (with Optical Glass Fiber)	<b>Code</b> 120  <b>Specification</b> 0.175 mm / F 2.8  <b>View Angle</b> 120°
*F Snapshot and Freeze Frame (for UVC only)			*Z Rigid Steel			

CABLE

Code	Q.D	UVC (Max)	CVBS (Max)	Note
D	Ø 0.65	180 cm	180 cm	Available To Add LED
I	Ø 1.0	300 cm	300 cm	LED Unavailable
C	Ø 1.2	180 cm	140 cm	LED Unavailable
S	Ø 1.3	200 cm	200 cm	Available To Add LED
X	Ø 1.35	210 cm	130 cm	Available To Add LED
E	Ø 1.6	400 cm	400 cm	Available To Add LED
B	Ø 1.65	150 cm	130 cm	Available To Add LED

\* Cable OD unit mm

\* Cable code does not apply to rigid steel tube

\* Camera with LED light source is suggested to use lens with larger F-Stop number.

\* Camera appearance or other requirements are applicable for customization.

\* TE Industrial Mini I/O Type II connector does not support USB 3.0 output.

Connector Information



NOTE:  
 G GND  
 A AUDIO  
 P DC POWER  
 V VIDEO