

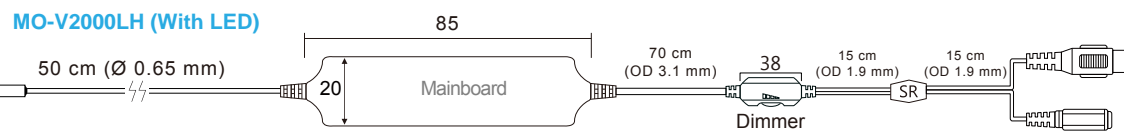
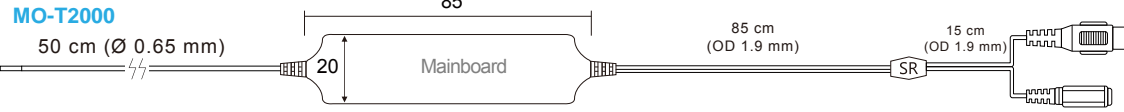
Unit: +0.05 -0 mm

Feature

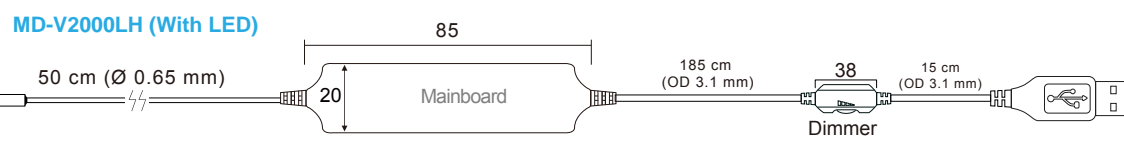
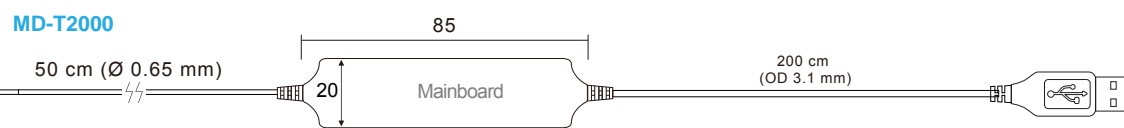
- Smallest Camera.
- Medical Camera Module!
- Ultra-compact Size!



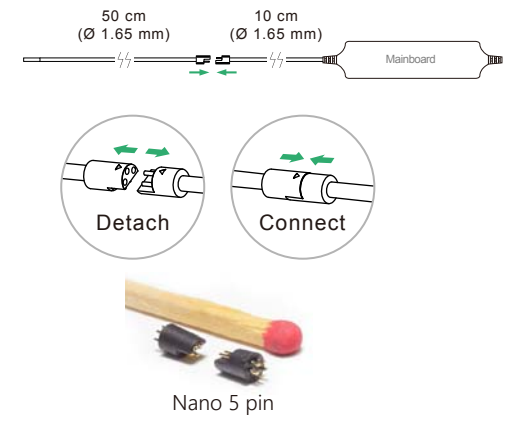
CVBS SERIES



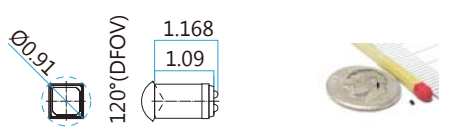
UVC SERIES



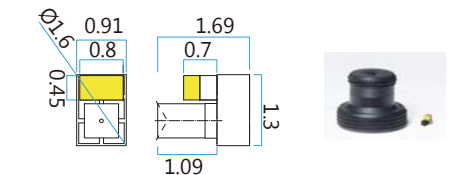
Detachable Nano Connectors
(Customize Option)



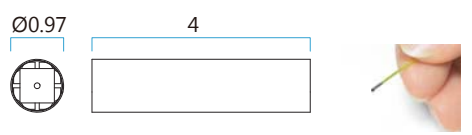
B2000
120° Lens / Front View



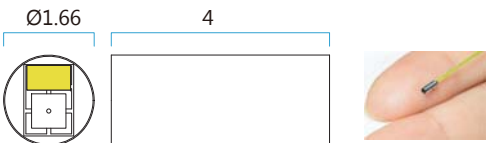
VB2000LH (Dimmer)
High-Intensity LED x 1 / 120° Lens / Front View



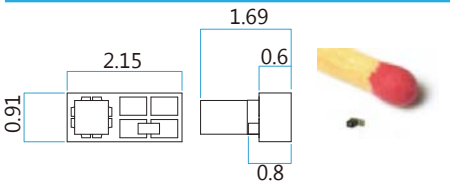
T2000
120° Lens / Front View



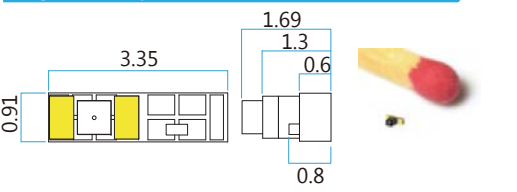
V2000LH (Dimmer)
High-Intensity LED x 1 / 120° Lens / Front View



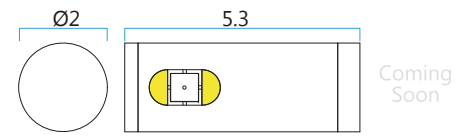
BL2000
120° Lens / Side View



VBL2000LH (Dimmer)
High-Intensity LED x 2 / 120° Lens / Side View



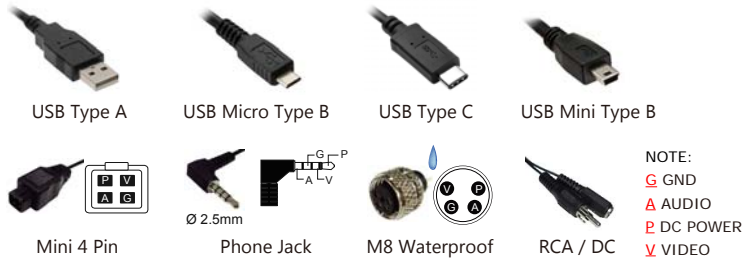
VL2000LH (Dimmer)
High-Intensity LED x 2 / 120° Lens / Side View



Specification

Model No.	MO-B2000	MD-B2000
Interface	RCA Female / DC Jack	USB 2.0
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.)	400 x 400 @ 30 fps	
Pixel Size (µm)	1.008 x 1.008	
Image Sensor	1/31" Color CMOS Camera Module	
Image Area (mm)	0.411 x 0.411	
Scan Mode	Progressive	
Sensitivity	1000 mV / Lux-sec	
Dynamic Range	67.1 dB @ 8x gain	
Storage Temperature	-30 to 60 Degree C	
Working Temperature	-10 to 45 Degree C	
Lens	0.175 mm / F 2.8	
Angle of View	D= 120°	
Focus Distance (mm)	03-30 (Fixed)	

Connector Information



Available for UVC and CVBS signals

Model No.	Dimensons (mm)	Orientation	Camera type	LED	Dimmer
B2000	Ø 0.91 × 1.168	Front View	Board	N/A	N/A
VB2000LH	Ø 1.6 × 1.69	Front View	Board	1 pcs	●
BL2000	0.91 × 2.15	Side View	Board	N/A	N/A
VBL2000LH	0.91 × 3.35	Side View	Board	2 pcs	●
VB2000LH	1.14 × 1.83	Front View	Board	2 pcs	●
VL2000LH	Ø 2 × 5.3	Side View	Tube	2 pcs	●
T2000	Ø 0.97 × 4	Front View	Tube	N/A	N/A
V2000LH	Ø 1.66 × 4	Front View	Tube	1 pcs	●

MD-B2000LH-120X

SERIES	CONNECTOR	CAMERA BODY	DISPLAY																												
M Basic	<u>UVC Signal</u> 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 <u>CVBS Signal</u> O RCA female / DC plug	<u>Front View</u> B Board Type VB Board Type + Dimmer T Tube Type V Tube Type + Dimmer	2000 Color																												
LENS		CABLE (Sensor Board To Mainboard)																													
LH High-Intensity White LED x 1	120 0.175 mm / F 2.8 (120°)	<table border="1"> <thead> <tr> <th>Code</th> <th>O.D</th> <th>Length (Max)</th> <th>Note</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Ø 0.65</td> <td>50 cm</td> <td>Available To Add LED</td> </tr> <tr> <td>C</td> <td>Ø 1.2</td> <td>50 cm</td> <td>LED Unavailable</td> </tr> <tr> <td>S</td> <td>Ø 1.3</td> <td>200 cm</td> <td>Available To Add LED</td> </tr> <tr> <td>X</td> <td>Ø 1.35</td> <td>50 cm</td> <td>Available To Add LED</td> </tr> <tr> <td>E</td> <td>Ø 1.6</td> <td>50 cm</td> <td>Available To Add LED</td> </tr> <tr> <td>B</td> <td>Ø 1.65</td> <td>50 cm</td> <td>Available To Add LED</td> </tr> </tbody> </table>		Code	O.D	Length (Max)	Note	D	Ø 0.65	50 cm	Available To Add LED	C	Ø 1.2	50 cm	LED Unavailable	S	Ø 1.3	200 cm	Available To Add LED	X	Ø 1.35	50 cm	Available To Add LED	E	Ø 1.6	50 cm	Available To Add LED	B	Ø 1.65	50 cm	Available To Add LED
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B	Ø 1.65	50 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

1/31" CMOS (OVM6948) image camera with 400 x 400 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.