

**Feature**

- Global Shutter
- UVC Signal Output
- 640 x 480 Resolution

**FT / T Series**

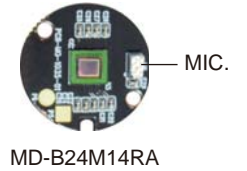
Unit: ± 0.5 mm

		No Lens	69 Lens	81 Lens	83 Lens	142 Lens
Side View	BL24M7A Board Type (Microphone)					



**FM / M Series**

		No Lens	69 Lens	81 Lens	83 Lens	142 Lens
Front View	B24M14RA Board Type (Microphone)					



**Specification**

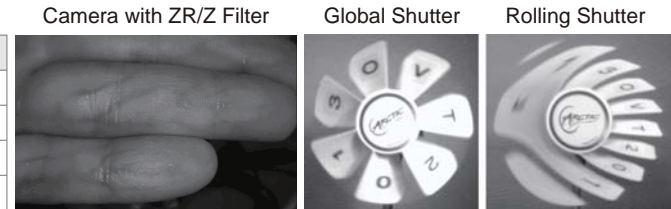
Model No.	BL24M7A	B24M14RA
Orientation	Side View	Front View
Dimension (mm)	7 x 19	Ø 14
Microphone	Built-In	
Image Sensor	1/7.5" CMOS B/W	
Resolution	640 x 480 @ 30 fps MJPG / YUV	
Pixel Size (µm)	3.0 x 3.0	
Image Area (mm)	1.968 x 1.488	
Scan Mode	progressive	
Sensitivity	7190 mV / (µW.cm-2.sec) @ 850 nm 2800 mV / Lux-sec @ 530 nm	
Shutter	Global	
Dynamic Range	73.3 dB @ 15.5x gain	
UVC Format	MJPEG, YUY2	
Storage Temperature	-30 to 60 Degree C	
Working Temperature	-10 to 45 Degree C	
Interface	USB 2.0 (Compliant with USB Video Class 1.1 standard)	
Lens	Specify When Ordering	
LED	Specify When Ordering	
Power Source	DC 5V (USB)	
Power Current	120 mA	
Operating System	Windows XP, Windows Vista, Window 7 Windows 8, Windows 10, Linux, Mac OSX	

**More Information**

- Global shutter function to reduce or eliminate unwanted image artifacts.
- High sensitivity camera works better with IR LED light !
- Available for Medical equipment such as Angiography.

**Lens Filter**

Filter Type	Wavelength
AR	IR PASS
XR	850-945 nm
ZR / Z	800nm [800peak]
ZZR / ZZ	825-945nm



**TD-BL24M7ALH-69**

SERIES	CONNECTOR	CAMERA BODY		DISPLAY
		Front View	Side View	B/W Series
<b>FT</b> Advance	<b>D</b> USB 2.0 Type A	<b>B</b> Board Type	<b>BL</b> Board Type	<b>24M7</b> FT / T
<b>T</b> Advance	<b>M</b> USB 2.0 Micro-B (OTG)	<b>VB</b> Board Type + Dimmer	<b>VL</b> Board Type + Dimmer	<b>24M14R</b> FM / M
<b>FM</b> Basic	<b>T</b> USB 2.0 Type C	<b>T</b> Tube Type	<b>TL</b> Tube Type	
<b>M</b> Basic	<b>I</b> USB 2.0 Mini-B	<b>V</b> Tube Type + Dimmer	<b>VL</b> Tube Type + Dimmer	
<b>* F</b> Snapshot and Freeze Frame				<b>* R</b> Round Shape
MICROPHONE	LED	LENS		
<b>A</b> Built-In	<b>LH</b> High-Intensity White LED	<b>Code</b>	<b>Specification</b>	<b>View Angle</b>
<b>N/A</b> None	<b>L9</b> IR 940nm LED	<b>46</b>	2.88 mm / F 2.0	46°
	<b>L8</b> IR 850nm LED		2.88 mm / F 4.8	46°
		<b>69</b>	1.83 mm / F 2.0	69°
			1.83 mm / F 5.0	69°
			1.83 mm / F 8.0	69°
		<b>81</b>	1.55 mm / F 5.7	81°
			1.55 mm / F 8.0	81°
		<b>83</b>	1.50 mm / F 4.0	83°
			1.50 mm / F 5.7	83°
		<b>145</b>	1.523 mm / F 4.5	145°
			1.523 mm / F 6.0	145°
			1.523 mm / F 8.0	145°

**Connector Information**

