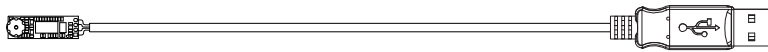
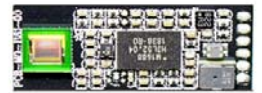


No lens	69° Lens	81° Lens	83° Lens	142° Lens
<b>TD-BL24M7A series</b> 				
<b>TD-BL24M7 series</b> 				
<b>MD-B24M14R series</b> 				



**Specification**

Model	TD-BL24M7A	TD-BL24M7	MD-B24M14R
Camera type	rectangle / side view	rectangle / side view	round / front view
Microphone	Built-in	N/A	Built-in
Dimension (mm)	7 x 19	7 x 19	Ø14
Image sensor	1/7.5" B/W		
Max. Frame rate	640 x 480@ 30fps MJPG/YUV		
Pixel size	3 µm x 3 µm		
Image area	1.968 x 1.488mm		
Scan mode	progressive		
Sensitivity	7190mV/(µW.cm-2.sec) @ 850nm 2800mV/Lux-sec @ 530nm		
Shutter	Global shutter		
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)		
Built-in lens	1.83mm/F2.0 (H=56°32';V=44°15';D=68°2')		
LED	IR LED x 6, white LED x 6 (specify when ordering)		
Operating system	Windows XP, windows Vista, window 7, windows 8		
Power source	DC 5V (USB)		
Power current	120mA ±10% (no LED)		



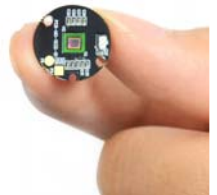
MD-BL24M7A



MD-BL24M7



MD-BL24M7-69



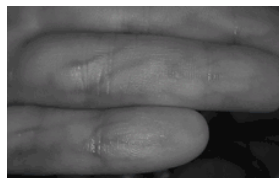
MD-B24M14R

**More Information**

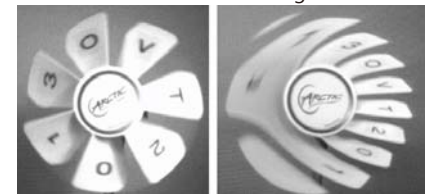
- Global shutter function to reduce or eliminate unwanted image artifacts.
- High sensitivity camera works better with IR LED light !
- Available for Medical equipment such as Angiography

Lens filter

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



- Global shutter
- Rolling shutter



**MD-BL24M7LH-69**

SERIES	CONNECTOR	CAMERA BODY	CAMERA TYPE	LED	LENS
<b>T</b> Ultra mini size	<b>D</b> USB 2.0 A type	<b>Side view</b>	<b>24M7</b> B/W	<b>LH</b> High-intensity white LED	<b>69</b> 1.83mm/F2.0/F5.0/F8.0 (69°)
<b>M</b> Miniature size	<b>M</b> Micro USB 2.0 OTG B type	<b>BL</b> Board type	<b>24M14R</b> B/W	<b>L9</b> IR940nm LED	<b>81</b> 1.55mm/F5.7/F8.0/F10 (81°)
	<b>T</b> USB type C	<b>VBL</b> Board type + dimmer		<b>L8</b> IR850nm LED	<b>83</b> 1.5mm/F4.0/F5.7/F8.0 (83°)
		<b>TL</b> Tube type			<b>145</b> 1.523mm/F4.5/F6.0/F8.0 (145°)
		<b>VL</b> Tube type + dimmer			