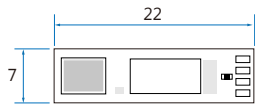
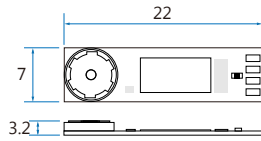


MD-BL24x7



MD-BL24x7-69



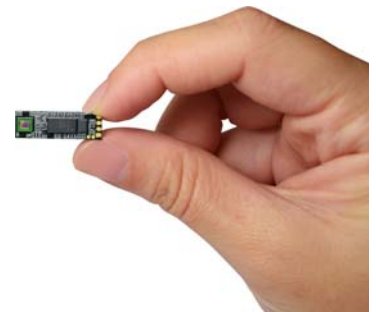
### Feature

- Miniature size
- High sensitivity!
- Global shutter
- Camera Module Prefer for Medical Equipment

## Specification

UNIT:±0.5mm

Model	MD-BL2407-69	MD-BL24M7-69
Image sensor	1/7.5" Color	1/7.5" B/W
Max. frame rate	640x480@ 30fps MJPG/ 30fps 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	160mA	
Dimension(mm)	7x22	



MD-BL24x7

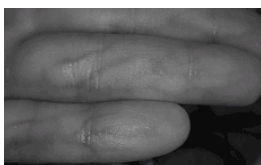


MD-BL24x7-69

## More Information

Model	LED	Connector	View Type
MD-BL24x7	N/A	USB 2.0 A type	Side View
MD-BL24x7L8	IR 850nm LED x 6		
MD-BL24x7L9	IR 940nm LED x 6		
Note:		Lens filter for ordering in advance	
Lens: 1.83mm/F2.0 (>7cm-focus distance/normal DOF) Lens: 1.83mm/F5.0 (2cm~7cm-focus distance/Middle DOF) Lens: 1.498mm/F3.2		AR filter	IR PASS
		XR filter	850-945nm
		ZR/Z filter	800nm [800peak]
		ZZR/ZZ filter	825-945nm

- 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



- Global shutter
- Rolling shutter

