

Specifications:

Model	BIM-6001	BIM-6002	BIM-6002A
Dimensions	91mm x 60mm x 34.5mm		
Weight	0.3 Kg		
Detector spectral response	300nm- 1100nm	200nm-1050nm	
Optical system spectral range	700nm,350nm,233nm optional		
Optical resolution	0.35nm - 1nm		
Fiber connector	SMA905		
Detector	TOSHIBA TCD1304 Linear CCD	2048 Linear CCD	
Pxel	3648 pxels, Size 8 μ m x 200 μ m	2048 Pxels, Size 14 μ m x 200 μ m	
Signal to noise ratio	300:1 at full signal	300:1 at full signal	600:1 at full signal
Linearity	>99%		
Stray light	<0.1% (600nm, 435nm)		
A/D Resolution	12 bit		16 bit
Integration time	4ms -10s		0.5ms - 10s
Dynamic range	300 :1	5000 :1	10000 :1
Trigger mode	software, hardware, synchronization		
Power consumption	250 mA, 5 VDC		
Operating temperature	5°C -35°C (25°C)		
Computer Interface	USB2.0, 12Mbps		USB2.0,12Mbps RS232/RS422, 115200bps
Operating system	Win XP, Win7 , Win8, Win10		
Slit	10,25,50 μ m optional		
Fixing hole	4 of M3 fixing hole in the bottom, 2 of M3 fixing hole on side		
Power supply	USB		USB or 5VDC(RS232 RS422)