



Feature

- Miniature size
- Connector to Smartphone!
- High performance.
- 720P HD image pixel

UNIT:+0.5mm



MD-BS20904-76

Specification

Model	MD-BS20904	MD-BS20904-76	MD-BS20904L-76	MD-BS209M4	MD-BS209M4-76	MD-BS209M4L-76
	Color			B/W		
Max. frame rate	1280x720@ 30fps MJPG/ 10fps YUV					
Pixel size	1.4 μm x 1.4 μm					
Image sensor	1/9" Digital CMOS Camera Module					
Image area	1.819 x1.033 mm					
Scan mode	progressive					
Sensitivity	585mV/Lux-sec					
Dynamic range	68.4dB @16x 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	N/A	1.32mm/F2.0	1.32mm/F3.5	N/A	1.32mm/F2.0	1.32mm/F3.5
View angle(D)	N/A	76°		N/A	76°	
LED	N/A	N/A	white LED x 6	N/A	N/A	white LED x 6
Shutter	rolling shutter					
Operating system	Windows XP, Windows Vista, Window 7, Windows 8					
Power source	DC 5V (USB/with power board)					
Power current	120mA		170mA	120mA		170mA
Dimension(mm)	φ3.6(head) 15x3.6(body)		φ3.65(head) 15x3.6(body)	φ3.6(head) 15x3.6(body)		φ3.65(head) 15x3.6(body)

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①		②		③		④		⑤	
MD	USB 2.0 A type	BS	Board type (module)	20904	(color)	L	white LED	76	1.32mm/ F 2.0 (76°)
MM	Micro USB OTG B type	VBS	Board type (module)+dimmer function	209M4	(B/W)	L9	IR940nm LED	140	F4.0 (140°)
MT	USB type-C	TS	Tube type			L8	IR850nm LED	128	1.0mm/F4.8 (128°)
		VS	Tube type+dimmer function						
		BS: Board type (module) mainboard and sensor board separated by 7cm cable							
		VBS: Dimmer function + Board type (module) mainboard and sensor board separated by 7cm cable							