

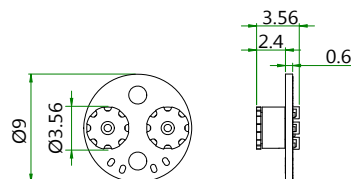
Unit: ± 0.5 mm

Specification

Model No.	DB20909RL-76
Power Current	180 mA 200 mA (with LED)
LED	LED × 6 (Specify when ordering) (White / IR 940 nm / IR 850 nm)
Power Source	DC 5V (USB)
Dimension (mm)	Ø 9.0
Orientation	Front view
Frame Rate (Max.)	1280 × 720, 960 × 540, 848 × 480 640 × 480, 640 × 360 424 × 240, 320 × 240, 320 × 180, 160 × 120 @ 30 fps
Pixel Size (μm)	1.4 × 1.4
Image Sensor	1/9" Digital CMOS Camera Module
Image Area (mm)	1.819 × 1.033
Scan Mode	progressive
Sensitivity	585 mV / (Lux-sec)
Dynamic Range	68.4dB @16x gain
UVC Format	MJPEG / YUV
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)	76° H= 69°, V= 42°, D= 76° 1.32 mm / F 2.0 1.32 mm / F 3.5
	128° H= 118°, V= 76°, D= 128° 1.00 mm / F 4.8
	140° D=140° F 4.0
Operating System	Windows 10, Linux, MAC OSX

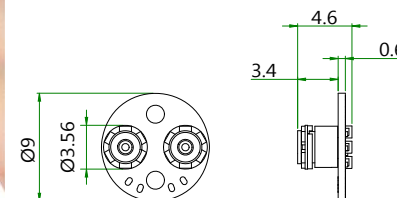
DB20909R-76

76° Lens



DB20909RL-76

76° Lens / White LED x 6



FXD-DB20909RL-76

SERIES	CONNECTOR	CAMERA TYPE	DISPLAY	LED	LENS
FX Low Temperature X Low Temperature	UVC Signal D USB Type A M USB Micro Type B (OTG) T USB Type C I USB Mini Type B	Front View DB Board Type * D Dual Lens	All Type 20909R Color * R Round Shape	L White LED L8 IR 850 nm LED L9 IR 940 nm LED	76 1.32 mm / F 2.0 (76°) 1.32 mm / F 3.5 (76°) 128 1.00 mm / F 4.8 (128°) 140 F 4.0 (140°)
* F Snapshot and Freeze Frame * IR 940 nm or IR 850 nm LED is suggested to choose B/W camera type. * Camera with LED light source is suggested to use lens with larger F-Stop number.					

Connector Information



USB Type A



USB Micro Type B



USB Type C



USB Mini Type B