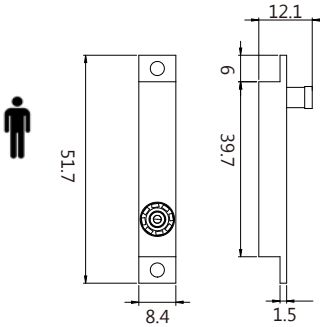
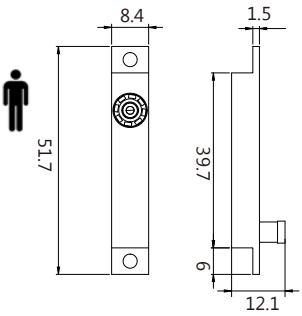


Dimensions(mm)		
Model	RD-N20908LD-120	RD-N20908LU-120
Camera Type	down view	up view
Dimension(mm)	51.7(L) x 8.4(W) x 12.1(H)	
Max. frame rate	1280x720@ 30fps MJPG	
Pixel size	1.4 μm x 1.4 μm	
Image sensor	1/9" Digital CMOS Camera Module	
Image area	1.819 x1.033 mm	
Scan mode	progressive	
Sensitivity	585mV/Lux-sec	
Dynamic range	68.4dB @16x gain	
UVC format	MJPEG	
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 (specify when ordering)	1.32mm/F2.0 (76° lens) ; 1.32mm/F3.5 (76° high DOF lens) F4.0 (120° lens) 1.00mm/F4.8 (128° lens)	
View angle	H= 69°; V= 42° ; D= 76° (76° lens) D= 120° (120° lens) H= 118°; V= 76°; D= 128° (128° lens)	
LED	white (IR 940nm/IR 850nm-specify when ordering)	
Shutter	rolling shutter	
Operating system	Windows XP, Windows Vista, Window 7, Windows 8, windows 10	
Power source	DC 5V	
Power current	120mA	

RD-N20908UL-120

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① CONNECTOR		② CAMERA TYPE		③ LENS	
RD	USB 2.0 A type	N20908LD	down view + white x 8	76	1.32mm/F2.0 (76°)
RM	Micro USB OTG B type	N20908LU	up view + white x 8	76	1.32mm/F3.5 (76°)
RT	USB type-C			120	F 4.0 (120°)
				128	1.0mm/F4.5 (128°)
			IR 940nm LED or IR 850nm LED -specify when ordering		1.32mm/F2.0 for SPY application 1.32mm/F3.5 high DOF



For Robot Application

Slim size and lightweight is good for easy installation on robots.



For Spy application

Slim size and lightweight is good for easy installation and hidden anywhere .