

Feature

- Compact size.
- Outstanding quality.
- 4K Resolution.
- Compatible with auto focus lens.

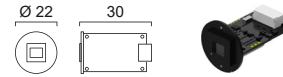


Specification

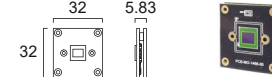
Model No.	B79432	B79422	B71432	B71422	B71410	B71488
Dimensions (mm)	32 x 32	Ø 22 x 30	32 x 32	Ø 22 x 30	10 x 10	8.6 x 8.6
Orientation	Front View					
Camera Type	Board Type					
Video Format	MJPEG / YUV / H.264					
CRA	5°		12°			
Image Sensor	1/2.3" Color CMOS		1/2.5" Color CMOS			
Resolution	12MP scaled to 4K		4K			
Frame Rate	3840 x 2160 @ 30 fps MJPEG / YUV 1920 x 1080 @ 30 fps H.264		3840 x 2160 @ 30 fps MJPEG / 15 fps YUV 1920 x 1080 @ 30 fps H.264			
Pixel Size (um)	1.55 x 1.55		1.62 x 1.62			
Image Area (mm)	6.39 x 4.81 5.59 x 3.35 (Cropping)		6.22 x 3.5			
Sensitivity (Lux.Sec)	8300 e ⁻		985 mV			
Dynamic Range	73.5 dB @ 8x gain		70.7 dB			
S/N Ratio	39.5 dB		35.2 dB			
Scan Mode	Progressive					
Shutter	Rolling					
Lens	Please Check Model Information Table					
View Angle	Please Check Model Information Table					
Focus Distance (mm)	Infinity					
LED	N/A (Optional)					
Storage Temp.	-30 to 60 Degree C					
Working Temp.	-10 to 60 Degree C					
Interface	USB 3.0			USB 2.0		
Power Supply	DC 5 V					
Power Current	550 mA (Max.)					
Microphone	N/A (Built-In Optional)			N/A (External Optional)		
Operation System	Win 10, Linux, MAC OSX					

* Working temperature means the camera device, not environment temperature.

B79422 / B71422 (No Lens)



B79432 / B71432 (No Lens)



B71410 (No Lens)



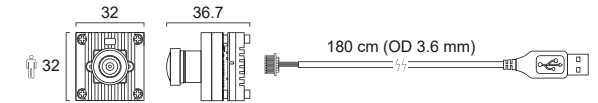
B71488 (No Lens)



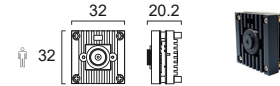
79432 / 71432



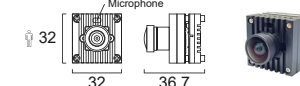
▲ QD-B79432-158



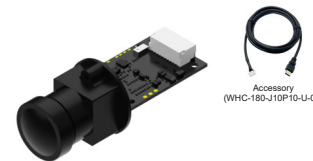
B714M32-74 (74°)



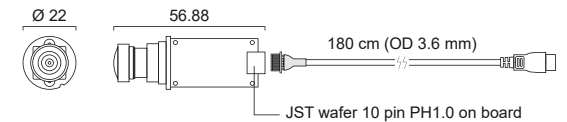
B79432A-158 (158°)



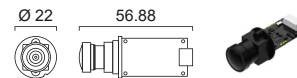
79422 / 71422



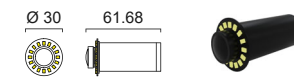
▲ QT-B79422-158



B71422-145 (145°)



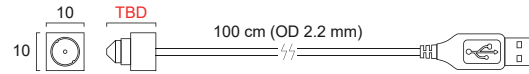
T79422LH-158 (158°)



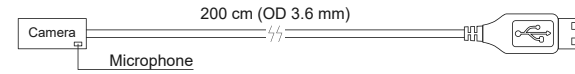
71410



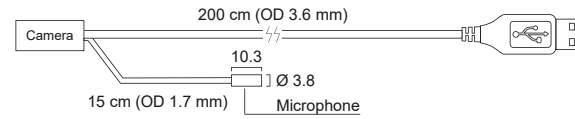
▲ XD-S71410-74



Camera with Microphone



▲ HD-BxxxxA
(Built-in microphone)

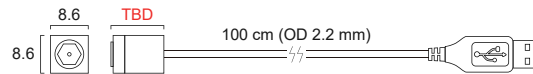


▲ HD-B71488A
(External digital microphone with 15cm cable from camera)

71488



▲ XD-S71488-158



Depth of Field Range



▲ Normal DOF (using 36020 lens, FID 20–15–30)



▲ High DOF (using 36060 lens, FID 20–15–30)

QD-B79432AL-158

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LED	LENS
H.264 USB 3.0	UVC (USB)	Front View	794			714 794
Q ISP on board	D Type A	(V)B Board Type	Color B/W Dimensions	N/A None	N/A None	Code Specification View Angle
I Low Temp.	T Type C	T Tube Type	79432 794M32 32 x 32	A Built-in	White	46 8.0 mm / F 2.0 - 46
USB 2.0	E TE Industrial Mini I/O Type II (2040008-2) (USB 2.0 Only)	V Tube Type	79422 794M22 Ø 22 x 30		L Normal	74 4.6 mm / F 2.5 74° -
(F)X Low Temp.		S Forming Type	714	71488	LH High-Intensity	103 3.6 mm / F 2.0 103° -
		Up View	Color B/W Dimensions	A External	Infrared	3.6 mm / F 6.0
		S Forming Type	71432 714M32 32 x 32		L9 IR 940 nm	145 2.55 mm / F 2.8 145° 158°
		*V Dimmer Controller	71422 714M22 Ø 22 x 30		L8 IR 850 nm	
*F Snapshot and Freeze Frame			71410 714M10 10 x 10			
			71488 714M88 8.6 x 8.6			

- * IR 940nm or IR 850nm LED is suggested to choose B/W camera type.
- * Camera with LED light source is suggested to use lens with larger F-Stop number.
- * Camera appearance or other requirements are applicable for customization.
- * Bare board will overheat, hence needs to be equipped with a metal heat sink.
- * TE Industrial Mini I/O Type II connector does not support USB 3.0 output.

Connector Information



USB Type A



USB Type C



TE Industrial Mini I/O Type II (2040008-2) (USB 2.0 Only)