Unit: ± 0.5 mm

Feature

- 2560 x 720 High Resolution
- Dual Sensors and Dual Lenses
- Compact Size
- Wide Angle

Video Captured

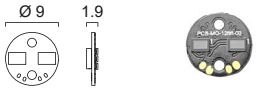


Specification

Model No.	DB37209R
Dimensions (mm)	Ø 9
Orientation	Front View
Camera Type	Board Type
Video Format	MJPEG
Image Sensor	1/9" Color CMOS Camera Module
Resolution	2560 x 720 @ 30 fps
Pixel Size (um)	1.4 x 1.4
Image Area (mm)	1.82 x 1.03
Sensitivity (Lux.Sec)	585 mV
Dynamic Range	68.4 dB @ 16x gain
S/N Ratio	36.4 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
Power Supply	DC 5 V
Power Current	200 mA (Max.)
Microphone	N/A (External Optional)
Operation System	Win 10 Linux, MAC OSX

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

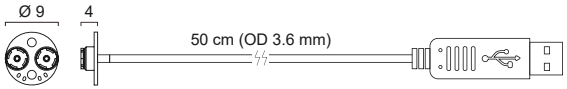
DB37209R (No Lens)



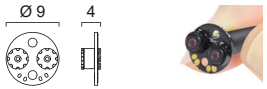
DB37209



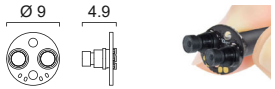
▲ FYD-DB37209R-76



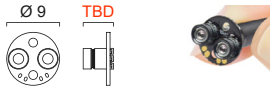
DB37209R (76°)



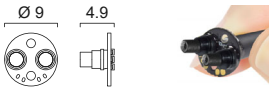
DB37209R (120°)



DB37209R (128°)

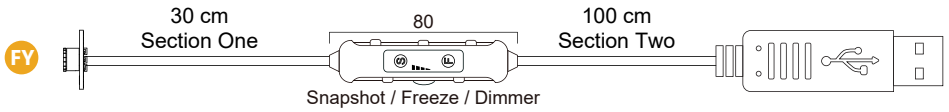


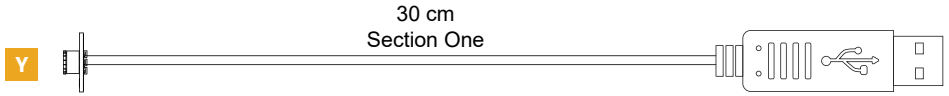
DB37209R (140°)



CABLE

Please check cable information for Section One and Section Two.





Section One

OD (mm)	Length (cm)
3.6	10~30

Section Two

OD (mm)	Length (cm)
3.6	10~250
6.2	10~200

* Standard cable length illustration

Unit: ± 0.5 mm

FYD-DB37209RLH-76

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LED	LENS
USB 3.0 (F)Y Low Temp. *F Snapshot and Freeze Frame	UVC Signal D USB Type A T USB Type C	Front View (V)DB Board *V Dimmer Controller *D Dual Lenses	Color / B/W / Dimensions 37209R / 372M9R / Ø 9 *R Round Shape	N/A None A External	N/A None White L Normal LH High-Intensity Infrared L9 IR 940 nm L8 IR 850 nm	Code / Specification / View Angle 76 / 1.32 mm / F 2.0 / 76° 1.32 mm / F 3.5 120 / F 4.0 / 120° 128 / 1.00 mm / F 4.8 / 128° 140 / 0.92 mm / F 4.5 / 140°

* 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.

Connector Information


USB Type A


USB Type C