Unit: ± 0.5 mm

Feature

- Compact Miniature Size.
- High Sensitivity Quality.
- High Performance.

Specification

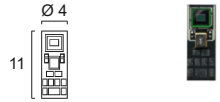
Model No.	B13R3	B13R6U
Dimensions (mm)	Ø 4 x 9.5	Ø 4 x 11
Orientation	Front View	Up View
Camera Type	Board Type	
Video Format	NTSC / PAL	
Image Sensor	1/13" Color CMOS Camera Module	
Resolution	640 x 480	
Pixel Size (um)	1.75 x 1.75	
Image Circle	Ø 1.83	
Sensitivity (Lux.Sec)	1.65 V	
Dynamic Range	58 dB	
S/N Ratio	33.4 dB	
Scan Mode	Progressive	
Shutter	Rolling	
Horizontal Sync Freq.	15.734 kHz / 15.625 kHz	
Vertical Sync Freq.	60 Hz / 50 Hz	
Frame Rate (/ sec.)	15~30 fps	
Gamma Consumption	0.45	
Video Output	1Vp-p , 75 ohms Composite	
Lens	Please Check Model Information Table	
View Angle	Please Check Model Information Table	
Focus Distance (mm)	FID 45-20-70	
LED	N/A (Optional)	
Storage Temp.	-30 to 60 Degree C	
Working Temp.	-10 to 60 Degree C	
Power Supply	DC 5~12 V	
Power Current	180 mA (Max.)	
Microphone	N/A (External Optional)	

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

B13R3 (No Lens)



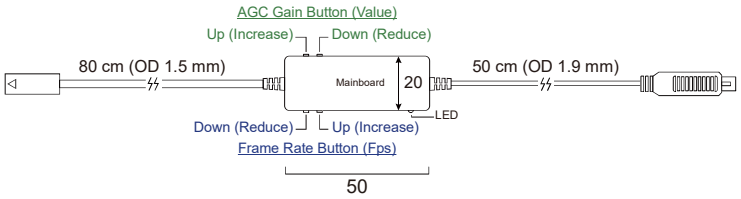
B13R6U (No Lens)



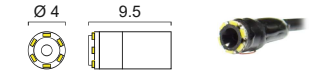
13R3



▲ MX-T13R3L-50

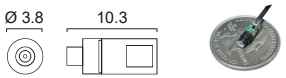


B13R3L (50°)

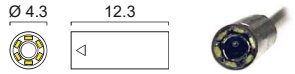


with LED x 6

B13R3 (90°)



T13R3L (50°)

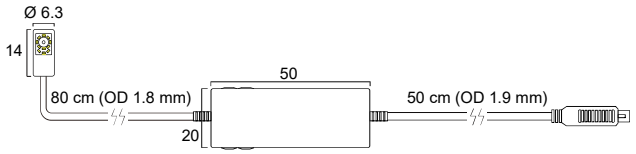


with LED x 6

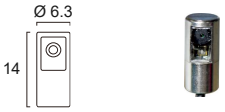
13R6



▲ MX-T13R6UL-50



T13R6U (55°)



Unit: ± 0.5 mm

MX-B13R3LW-50

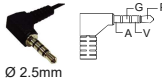
SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LED	END SIDE	LENS
MX Low Light	CVBS N/A IRIS 4 Pin J Phone Jack Q M8 Waterproof F RCA / DC	Front / Up View (V)B Board T Tube V Tube *V Dimmer Controller	Color / B/W 13R3 - 13R6U - *U Up View	N/A None A External	N/A None White L Normal LH High-Intensity Infrared L9 IR 940 nm L8 IR 850 nm	N/A Cable + Connector C Cable + Wires Out W Wires Out	Code / Specification / Thread / View Angle 50 1.498 mm / F 3.2 N/A 50° 1.498 mm / F 5.0 N/A 55 1.33 mm / F 2.0 M 3.5 x P 0.2 55° 70 1.0 mm / F 4.8 M 3.2 x P0.2 70°

* 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



IRIS 4 Pin



Phone Jack



M8 Waterproof


RCA / DC

NOTE:
G GND
A AUDIO
P DC POWER
V VIDEO


Wires Out



*Choose either connector or wires.
(If connector is chosen cannot choose wires, vice versa)