Unit: ± 0.5 mm

Feature

- Mini Size
- High Sensitivity
- High Performance

Specification

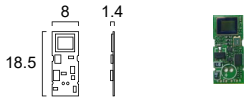
Model No.	BL2505	B2507U	B2588	B2511	B2519
Dimensions (mm)	5 x 24	18.5 x 8	8 x 8	10.7 x 10.7	22.19
Orientation	Side View	Up View	Front View		
Camera Type	Board Type				
Video Format	NTSC / PAL				
Image Sensor	1/4" Color CMOS Camera Module				
Resolution	648 x 488				
Pixel Size (um)	5.55 x 5.55				
Image Circle	Ø 4.5				
Sensitivity (Lux.Sec)	3.53 V				
Dynamic Range	68.2 dB				
S/N Ratio	45.6 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.)	30 fps / 25 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)	Infinity				
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	120 mA (Max.)				
Microphone	N/A (External Optional)				

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

BL2505 (No Lens)



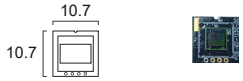
B2507U (No Lens)



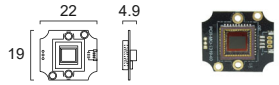
B2588 (No Lens)



B2511 (No Lens)



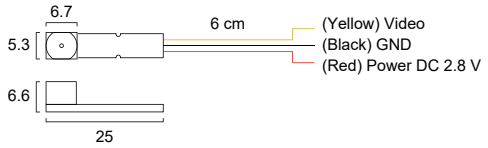
B2519 (No Lens)



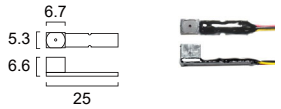
BL2505



▲ MO-BL2505W-3T



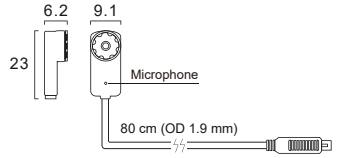
BL2505W-3T (71°)



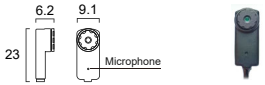
S2507U



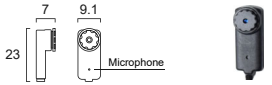
▲ MO-S2507UA-3D



S2507UA-3D (63°)



S2507UA-4H (53°)

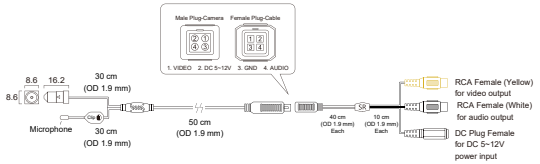


Unit: ± 0.5 mm

B2588

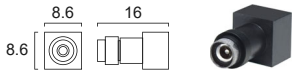


Accessory
(With Audio)
AF-057

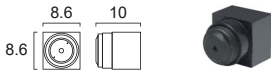


▲ MO-S2588A-3V

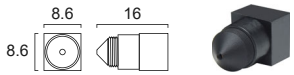
B2588-2S (125°)



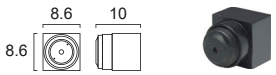
B2588-3T (125°)



B2588-3A (64°)



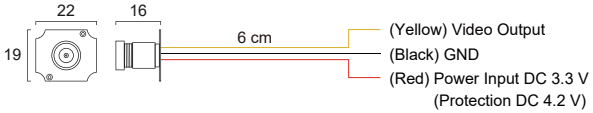
B2588-4T (59°)



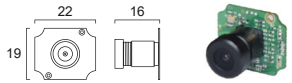
B2519



▲ MO-B2519-3GS



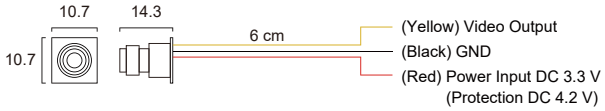
B2519-3GS (TBD°)



B2511



▲ MO-B2511-2S



B2511-2S (125°)



Unit: ± 0.5 mm

MO-BL2505-3T

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LED	END SIDE
M Basic	CVBS Signal O IRIS 4 Pin J Phone Jack Q M8 Waterproof F RCA / DC	Front View (V)B Board Type T Tube Type V Tube Type	Color / B/W / Dimension (mm) 2505 - 5 x 24 2507U(D) 2707U(D) 18.5 x 8 2588 2788 8 x 8 2511 2711 10.7 x 10.7 2519 2719 22 x 19	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 + (Handle Bar) C Cable + Wires Out W Wires Out
(No Snapshot Screen and No Freeze Frame Function)	2519 O Wires Out	Side View (V)BL Board Type *V Dimmer Controller	*U Up View *D Down View			*SW / SC / MC Available Combination * Handle Bar for Snake Type

LENS

Code	Specification	View Angle
2S	2.1 mm / F 2.5	125°
2ES	2.3 mm / F 2.6	110°
2V	2.8 mm / F 3.9	76°
3E	3.0 mm / F 2.4	74°
3T	3.1 mm / F 3.4	73°

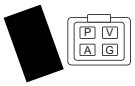
Code	Specification	View Angle
3S	3.4 mm / F 3.4	67°
	3.4 mm / F 7.0	
3X	3.4 mm / F 2.8	67°
3X6	3.4 mm / F 6.0	67°

Code	Specification	View Angle
3GS	3.6 mm / F 2.0	TBD
3A	3.9 mm / F 2.8	64°
3D	3.9 mm / F 3.9	63°
4T	4.5 mm / F 2.8	59°

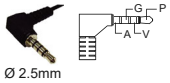
Code	Specification	View Angle
4H	4.5 mm / F 2.8	53°
5F	5.0 mm / F 3.5	48°
6F	6.4 mm / F 4.4	38°

* 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.

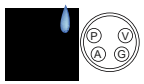
Connector Information



IRIS 4 Pin



Phone Jack



M8 Waterproof


RCA / DC

NOTE:
G GND
A AUDIO
P DC POWER
V VIDEO


Wires Out


(Yellow) Video
(Black) GND
(Red) DC 5~12 V

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