Unit: ± 0.5 mm

Feature

- Mini Size
- High Sensitivity
- High Performance

Specification

Model No.	B5006	B5088
Dimensions (mm)	Ø 8.6	8 x 8
Camera Type	Board Type	
Orientation	Front View	
Video Format	NTSC / PAL	
Image Sensor	1/4" Color CMOS Camera Module	
Resolution	712 x 552 (640 x 480 output pixel array)	
Pixel Size (um)	5.6 x 5.6	
Image Circle	Ø 4.48	
Sensitivity (Lux.Sec)	16 V	
Dynamic Range	75 dB	
S/N Ratio	44.8 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 3.3 V	
Power Current	80 mA (Max.)	
Microphone	N/A (External Optional)	

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

B5006 No Lens



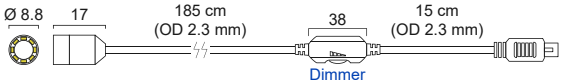
B5088 No Lens



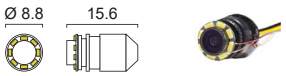
5006



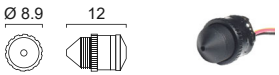
▲ MO-V5006L-2ES



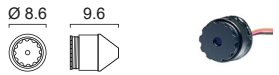
B5006LW-2ES (119°)



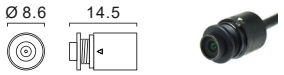
B5006W-3A (63°)



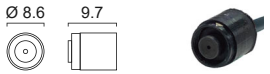
B5006W-4H (56°)



S5006-2E (119°)



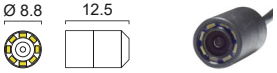
S5006-3W (92°)



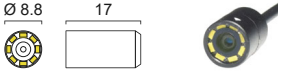
S5006-4H (56°)



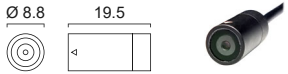
T5006L-2ES (119°)



T5006L-4H (56°)



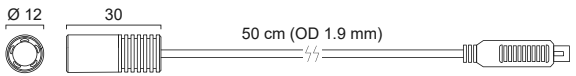
T5006-8V (35°)



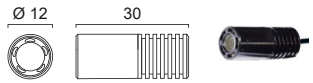
5012



▲ MO-T5012L-4F



T5012L-4F (80°)

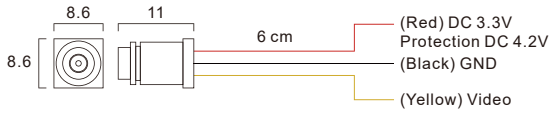


Unit: ± 0.5 mm

5088



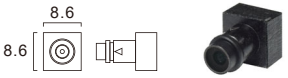
▲ MO-B5088-2E



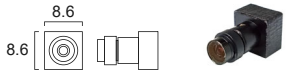
B5088-2E (119°)



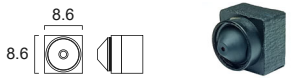
S5088-2ES (119°)



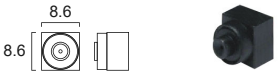
5088-2S (125°)



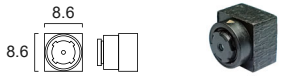
B5088-2V (84°)



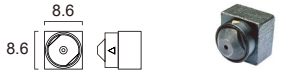
B5088-3W (92°)



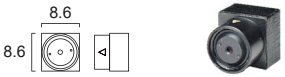
B5088-3M (73°)



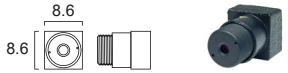
B5088-3TC (71°)



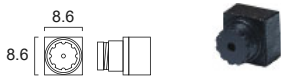
B5088-4T (65°)



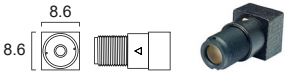
B5088-4E / 4F (64°)



S5088-4H (56°)



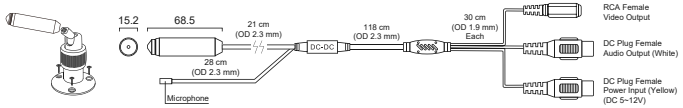
S5088-8F (30°)



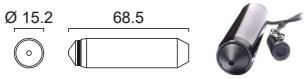
5058



▲ MO-5058YA-4V



5058-4V (60°)



Camera Parameter Adjustable (UTC Controller)

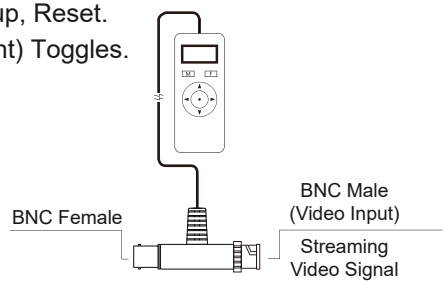
Model No. UTC-200 Sold Separately

Five Buttons Function

Exposure, White Balance, Day & Night,
Image Setup, Function Setup, Reset.
(Enter, Up, Down, Left, Right) Toggles.



▲ UTC-200



Unit: ± 0.5 mm

MO-B5006LW-2S

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	N/A Metal Bracket (5058 Only) Front View (V)B Board Type T Tube Type V Tube Type S Forming Type *V Dimmer Controller	Color / B/W / Dimension (mm) 5006 / 7006 / Ø 8.6 5012 / 7012 / Ø 12 x 30 (Tube Only) 5088 / 7088 / 8.6 x 8.6 5058 / 7058 / Ø 15.2 x 68.5 (Tube with Metal Bracket)	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

LENS

Code	Specification	View Angle
2S	2.1 mm / F 2.5	125°
2ES	2.3 mm / F 2.6	119°
2E	2.3 mm / F 2.6	119°
3K	2.8 mm / F 3.9	84°
3W	2.8 mm / F 3.9	92°
2V	2.83 mm / F 3.9	84°

Code	Specification	View Angle
3E	3.0 mm / F 2.4	80°
3V	3.3 mm / F 2.4	74°
3M	3.4 mm / F 2.8	73°
3S	3.4 mm / F 3.4	73°
3Z	3.42 mm / F 7.0	72°
3T	3.47 mm / F 3.7	69°

Code	Specification	View Angle
3TC	3.5 mm / F 3.5	71°
3TF	3.5 mm / F 3.5	71°
3G2	3.6 mm / F 2.0	70°
3A	3.6 mm / F 4.5	63°
4T	3.9 mm / F 3.9	65°
4E	4.0 mm / F 2.0	64°

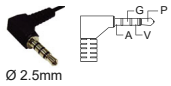
Code	Specification	View Angle
4C	4.0 mm / F 2.0	64°
4V	4.3 mm / F 2.4	60°
4H	4.5 mm / F 2.8	56°
5F	5.0 mm / F 3.5	53°
6F	6.38 mm / F 4.4	43°
8F	8.0 mm / F 2.4	30°
8V	8.0 mm / F 2.5	35°

* 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)