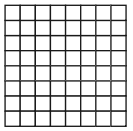
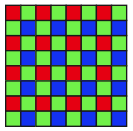
Feature

- Mini Size,
- High Sensitivity,
- High Performance!

monochrome



Bayer



Specification

Model No.	B411	S412
Dimensions (mm)	12 x 12	12 x 12
Orientation	Front View	
Camera Type	Board Type	Forming Type
Video Format	CCIR / EIA	
Image Sensor	1/4" B/W CMOS Camera Module	
Resolution	352 x 288 (CCIR) / 320 x 240 (EIA)	
Pixel Size (um)	9.1 x 8.7	
Image Circle	Ø 4.07 / Ø 3.58	
Sensitivity (Lux.Sec)	0.5 lux @ f 1.4	
Dynamic Range	-	
S/N Ratio	48 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 , 75ohms 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 7~12 V	
Power Current	20 mA (Max.)	
Microphone	N/A (External Optional)	

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

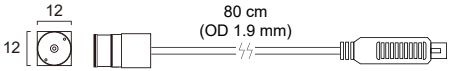
Unit: ± 0.5 mm

B411 (No Lens)

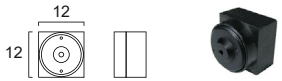




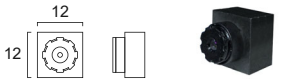
▲ MO-S412-3T



3T Lens (86°)



3D Lens (75°)



MO-S412AW-3T

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE
M Basic	CVBS O IRIS 4 Pin J Phone Jack Q M8 Waterproof F RCA / DC	Front View B Board Type S Forming Type	Color / B/W Dimensions - / 411 11.5 x 11.5 - / 412 12 x 12	N/A None A External

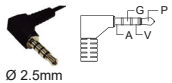
LED	END SIDE	LENS
N/A None White L Normal LH High-Intensity Infrared L9 IR 940 nm L8 IR 850 nm	N/A Cable + Connector C Cable + Wires Out W Wires Out	Code / Specification / View Angle 3T 3.1 mm / F 3.4 67° 3D 3.9 mm / F 2.8 55°

* 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

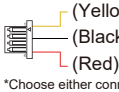


RCA / DC

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)