

Feature

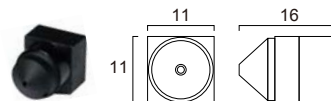
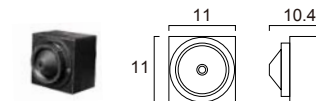
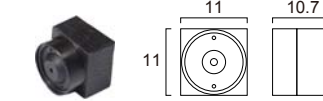
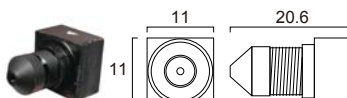
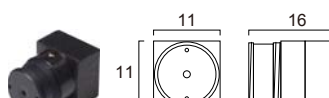
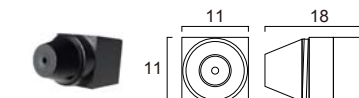
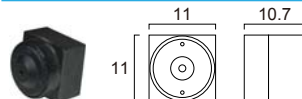
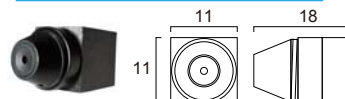
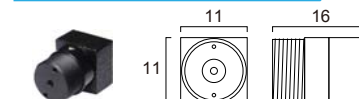
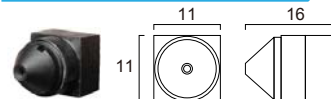
- Compact Size
- VGA Pixel



◀ MO-S9610-3F

Specification

Model No.	S4610	S5610	S7610	S8610	S9610
Sensor Package	PLCC	CSP	CLCC		
Pixel Size (μm)	6.35 x 7.4		6.2 x 7.4	5.0 x 7.4	5.0 x 6.2
Image Area (mm)	4.6228 x 3.6112		4.623 x 3.611	4.88 x 3.67	4.88 x 3.67
Sensitivity (V/Lux.sec)	13.8		19.5	11.4	10.9
Dynamic Range (dB)	63.7		37.9	63.5	
S/N Ratio (dB)	46.4		50	46.4	
Pixel	728 x 488			976 x 496	960 x 576
UTC Function	N/A				
Image Sensor	1/3" CMOS Color				
Video Format	NTSC / PAL				
Scan Mode	Progressive				
Shutter	Rolling				
Horizontal Sync Frequency	15.734 kHz (NTSC) 15.625 kHz (PAL)				
Vertical Sync Frequency	60 Hz (NTSC) 50 Hz (PAL)				
Frame Rate	60 fields / sec. (NTSC) 50 fields / sec. (PAL)				
Gamma Consumption	0.45				
Video Output	1Vp-p , 75 ohms Composite				
Focus Distance (mm)	Infinity				
Storage Temperature	-30 to 60 Degree C				
Working Temperature	-10 to 45 Degree C				
Power Supply	DC 5~12 V				
Power Current	120 mA				
Cable Length (cm)	50 cm (OD 1.9 mm)				
Microphone (specify when ordering)	Code	A	AD	AG	
	Frequency (Hz)	20-10000	20-10000	100~10000	
	S/N (Max.)	63 dB	63 dB	64 dB	
	Sensitivity (dB)	-53	-44	-53.5	

2C Lens (99°)

2V Lens (91°)

3T Lens (86°)

3V Lens (83°)

3F Lens (76°)

3C Lens (75°)

4T Lens (73°)

4C Lens (68°)

4F Lens (68°)

4V Lens (68°)

4H Lens (63°)


MO-S4610-2V

SERIES	CONNECTOR	CAMERA TYPE	DISPLAY			MICROPHONE	LENS				
M Basic	O Mini 4 pin J Phone Plug Q Waterproof F RCA/DC	Front View S Forming Type	Color	B/W	Image Circle	External	Code	Specification	Thread	View Angle	
			4610	4910	Ø 5.87 mm	N/A	None	2C	2.5 mm / F 2.5	M 10 x P 0.5	99° 104°
			5610	5910		A	Ø 4.4 x 7	2V	2.8 mm / F 3.9	M 7 x P 0.5	91° 93°
			7610	7910		AD	Ø 8 x 18	3T	3.1 mm / F 3.4	M 10 x P 0.5	86° 88°
			8610	8910	Ø 6.1 mm	AG	Ø 2.6 x 18	3V	3.3 mm / F 2.4	M 10 x P 0.5	83° 85°
			9610	9910		* Unit: mm	3F	3.7 mm / F 2.5	M 10 x P 0.5	76° 78°	
							3C	3.8 mm / F 2.0	M 7 x P 0.5	75° 77°	
							4T	3.9 mm / F 3.9	M 10 x P 0.5	73° 75°	
							4C	4.3 mm / F 2.0	M 10 x P 0.5	68° 70°	
							4F	4.3 mm / F 2.0	M 7 x P 0.35	68° 70°	
							4V	4.3 mm / F 2.5	M 10 x P 0.5	68° 70°	
							4H	4.5 mm / F 2.8	M 10 x P 0.5	63° 65°	

Connector Information



Mini 4 Pin



Phone Jack



M8 Waterproof



RCA / DC

NOTE:

- G GND
- A AUDIO
- P DC POWER
- V VIDEO