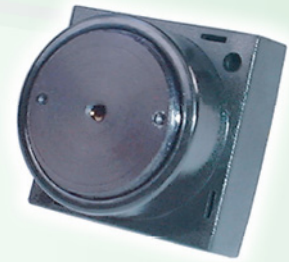


Specification

CMOS Camera

CMOS CAMERA			
Item NO.	☆ MO-S1616	MO-S316	MO-S2616
Video system.	NTSC/PAL	EIA/CCIR	NTSC/PAL
Number of Effective Pixels	510X492(NTSC / EIA)		
	628X582(PAL / CCIR)		
CMOS Image Sensor	1/3" CMOS		
Scanning System	2:1 INTERLACE		
Synchronization	INTERNAL		
Resolution (TV Lines)	380 TV Lines		
S/N Ratio	more than 48dB		
Minimum Illumination	☆ 1 Lux / F 1.2	0.2 Lux / F 1.2	0.2 Lux / F 1.2
Electronic Shutter	☆ 1/50 - 1/125000	1/50 - 1/15000	1/50 - 1/125000
Horizontal Sync Frequency	NTSC(EIA)-15.734kHz / PAL(CCIR)-15.625kHz		
Vertical Sync Frequency	NTSC(EIA)-60Hz / PAL(CCIR)-50Hz		
Gamma Consumption	0.45		
Video Output	1Vp-p , 75ohms Composite		
Audio Output	Frequency 20-16000Hz,S/N ratio more than 58dB SPL(at 1000Hz))(Ordering in advance)		
Built-In Lens	3.6mm / F2.0(G-type) , 4.3mm / F2.0(P-type)		
Lens Angle	3.6mm / 92 Degree		
Storage Temperature	-30 to 60 Degree C		
Working Temperature	-10 to 45 Degree C		
Power Source	DC 5 - 12V	DC 7 ~12V	
Power Current	60mA(max)	50mA(max)	



MO-Sxx16P



MO-Sxx16G

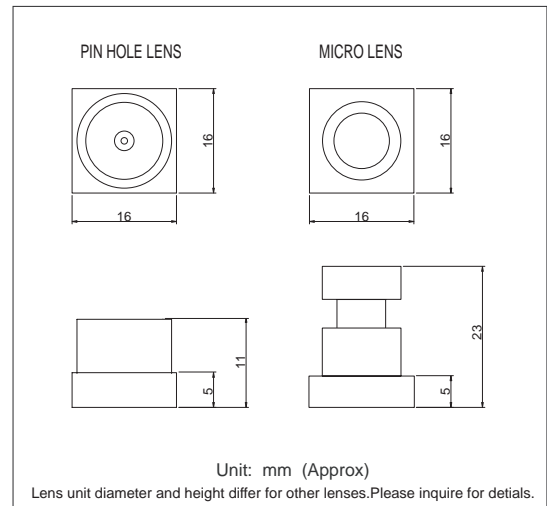
Ordering Information

MODEL	MICRO	PIN HOLE	NOTE	
MO-S1616G	3.6mm / F2.0			Micro controler storage
MO-S316G	3.6mm / F2.0			
MO-S616G	3.6mm / F2.0			
MO-S1616P-3C		3.7mm / F2.0 (CONE)	1/3" COLOR H.RES	Micro controler storage
MO-S1616P-4C		4.3mm / F2.0 (CONE)	1/3" COLOR H.RES	Micro controler storage
MO-S1616P-3F		3.7mm / F2.0 (FLAT)	1/3" COLOR H.RES	Micro controler storage
MO-S1616P-4F		4.3mm / F2.0 (FLAT)	1/3" COLOR H.RES	Micro controler storage
MO-S1616P-3T		3.1mm / F3.4 (SLIM)	1/3" COLOR H.RES	Micro controler storage
MO-S1616P-4T		3.9mm / F3.9 (SLIM)	1/3" COLOR H.RES	Micro controler storage
MO-S316P-3C		3.7mm / F2.0 (FLAT)	1/3" B/W H.RES	
MO-S316P-4C		4.3mm / F2.0 (CONE)	1/3" B/W H.RES	
MO-S316P-3F		3.7mm / F2.0 (FLAT)	1/3" B/W H.RES	
MO-S316P-4F		4.3mm / F2.0 (FLAT)	1/3" B/W H.RES	
MO-S316P-3T		3.1mm / F3.4 (SLIM)	1/3" B/W H.RES	
MO-S316P-4T		3.9mm / F3.9 (SLIM)	1/3" B/W H.RES	
MO-S2616P-3C		3.7mm / F2.0 (CONE)	1/3" COLOR H.RES	
MO-S2616P-4C		4.3mm / F2.0 (CONE)	1/3" COLOR H.RES	
MO-S2616P-3F		3.7mm / F2.0 (FLAT)	1/3" COLOR H.RES	
MO-S2616P-4F		4.3mm / F2.0 (FLAT)	1/3" COLOR H.RES	
MO-S2616P-3T		3.1mm / F3.4 (SLIM)	1/3" COLOR H.RES	
MO-S2616P-4T		3.9mm / F3.9 (SLIM)	1/3" COLOR H.RES	

NOTE:

M:Medium resolution , H: High resolution
 MO-S1616: DC 5~12V (recommend 9V)
 MO-S2616A : W/Microphone
 MS-S1616P: Micro controler storage / gain with 16 zone control

Dimensions



Feature

- MO-S1616 : Shutter Speed : 1/50-1/125,000 Sec.
- MO-S1616 : Sensitivity boost(+42 dB)
- MO-S1616 : Automatic exposure/gain with 16 zone control
- MO-S1616 : CCIQ ► Challenge CCD Image Quality
- MO-S1616 : Micro controler storage
- Firmware enhance sharpness and image edge
- MO-S1616 : DC 5 ~12V (recommend 9V)

Image capture



In the bright place

In the dark place