MISUMI
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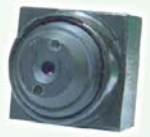
CMOS COLOR CAMERA

Body Type

Specification

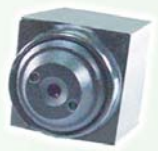
CMOS CAMERA						
Item NO.		MO-S408	MO-S588	MO-S788	MO-S888	MO-S988
		EIA/CCIR	NTSC Only	EIA Only	NTSC/PAL	NTSC/PAL
Number of Effective Pixels	NTSC(EIA)	320 x 240	510 x 492	510 x 492	306 x 240	510 x 480
	PAL(CCIR)	352 x 288			366 x 288	510 x 480
CMOS Image Sensor		1/4" B/W	1/4" Color	1/4" B/W	1/5" PAL Color or 1/6" NTSC Color	1/4" Color
Scanning System		2:1 INTERLACE				
Synchronization		INTERNAL				
Resolution (TV Lines)		240	380	380	240	380
S/N Ratio		more than 48dB				
Minimum Illumination		0.5 Lux / F 1.4	1.5 Lux / F 1.2	0.05 Lux / F 1.2	2 Lux / F 1.2	1.5 Lux / F 1.2
Electronic Shutter		1/50 - 1/6,000	1/50 - 1/63,000	1/50 - 1/63,000	1/50 - 1/57,000	1/50 - 1/100,000
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)				
Storage Temperature		-30 to 60 Degree C				
Working Temperature		-10 to 45 Degree C				
Power Source		DC 7-12V			DC 9-12V	DC 4-12V
Power Current		50mA(max)			35mA(max)	40mA(max)

CMOS Camera

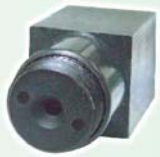


MO-Sxx8-3T

MO-Sxx8-4F



MO-S888-3T



MO-S988-4F

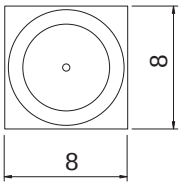
Mini Camera
8 x 8 mm only

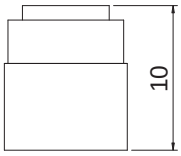
Ordering Information

MODEL	LENS	MIC	VIDEO SYSTEM
MO-S408-3F	3.7 / F2.0 (Flat)		CCIR / EIA
MO-S408-4F	4.0 / F2.0 (Flat)		
MO-S408-3T	3.4mm/ F3.7(Slim)		
MO-S408-4T	3.9 / F3.9 (Slim)		
MO-S408A-xx		●	
MO-S588-3F	3.7 / F2.0 (Flat)		NTSC Only
MO-S588-4F	4.0 / F2.0 (Flat)		
MO-S588-3T	3.4mm/ F3.7 (Slim)		
MO-S588-4T	3.9 / F3.9 (Slim)		
MO-S588A-xx		●	
MO-S788-3F	3.7 / F2.0 (Flat)		EIA Only
MO-S788-4F	4.0/ F2.0 (Flat)		
MO-S788-3T	3.4mm/ F3.7(Slim)		
MO-S788-4T	3.9 / F3.9 (Slim)		
MO-S788A-xx		●	
MO-S888-3F	3.7 / F2.0 (Flat)		1/5" PAL / 1/6"NTSC
MO-S888-4F	4.0 / F2.0 (Flat)		
MO-S888-3T	3.4mm/ F3.7 (Slim)		
MO-S888-4T	3.9 / F3.9 (Slim)		
MO-S888A-xx		●	
MO-S988-3F	3.7 / F2.0 (Flat)		NTSC /PAL
MO-S988-4F	4.0 / F2.0 (Flat)		
MO-S988A-xx		●	

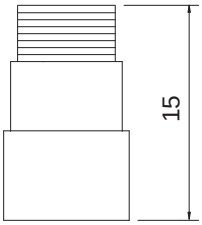
Dimensions

Lens unit diameter and height different for other lenses.Please inquire for detials.





(3T,4T LENS)



(4F LENS)

Unit:mm