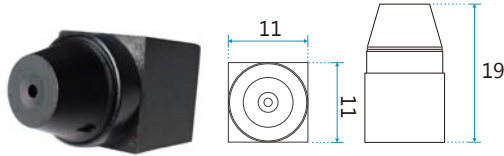


Feature

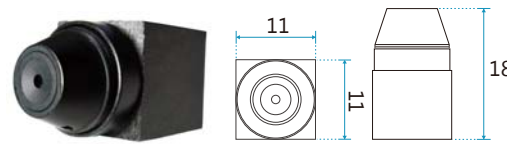
- Compact size.
- Outstanding Quality!
- Hi Resolution up to 710 TV Lines.
- High Performance.

Unit: ±0.5mm

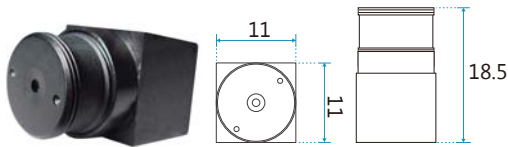
S8510-3C



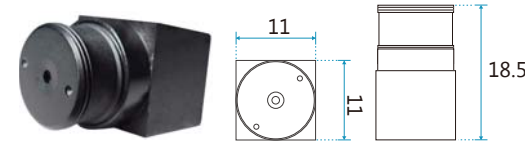
S8510-4C



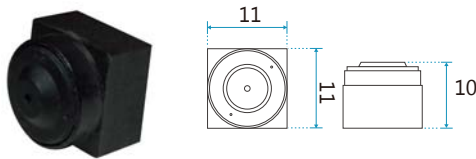
S8510-3F



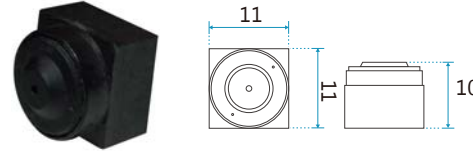
S8510-4F



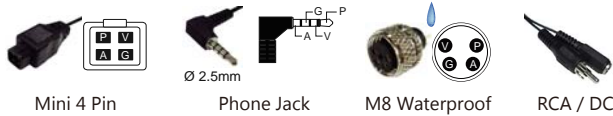
S8510-3T



S8510-4T



Connector Information



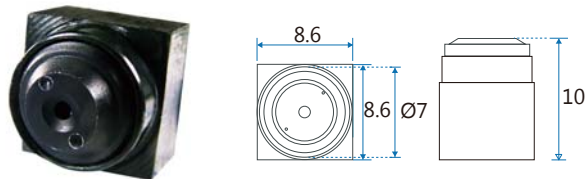
NOTE:
G GND
A AUDIO
P DC POWER
V VIDEO

Specification

Model	S8510	S8710
Display	Color	B/W
Video system	NTSC / PAL	EIA / CCIR
Effective Pixels	976 x 496	
Image Area (mm)	4.88 x 3.67 (Diagonal: 6.1)	
Pixel Size (µm)	5.00 x 7.40	
Image Sensor	1/3" Color CCIQ III 960H Camera	
Resolution (TV Lines)	710 TV Line over (NTSC / EIA) , 740 TV Line over (PAL / CCIR)	
S/N Ratio	46.4 dB	
Dynamic Range	63.5 [dB]	
Sensor Scan Mode	Interlaced 60 fields	
Illumination (Min.)	0.05Lux at F1.2 20IRE	
Shutter Speed	1/60~1/200,000 (NTSC / EIA) , 1/50~1/170,000 (PAL / CCIR)	
Sensitivity	11.4 [V/Lux.sec]	
Horizontal sync frequency	NTSC -15.734kHz, PAL - 15.625kHz	
Vertical sync frequency	NTSC - 60Hz, PAL - 50Hz	
Camera consumption	0.45	
Video output	1Vp-p , 75ohm composite	
Storage Temperature	-30 to 60 Degree C	
Working Temperature	-10 to 45 Degree C	
Power Source	DC 5~12V (Camera Input)	
Power Current	80 mA (max-DC 12V)	
Dimensions (mm)	11 x 11	
UTC Function	Support	
Motion Detect Function	Optional (Specify when ordering)	

Other information

MO-S3588
1/4" Color CCIQ II Camera



MO-S8510A-3C

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LENS
M Basic	CVBS Signal O Mini 4 pin J Phone Plug Q Waterproof F RCA/DC	Front View S Forming type	Forming Type 8510 Color 8710 B/W	A External N/A None	3C 3.7 mm / F 2.0 Cone 3F 3.7 mm / F 2.0 Flat 3T 3.1 mm / F 3.4 Flat 4C 4.3 mm / F 2.0 Cone 4F 4.3 mm / F 2.0 Flat 4T 3.9 mm / F 3.9 Flat

Camera with UTC remote function (UTC-200 Sold separately)

Five buttons function for exposure, WB, Day & Night, image & setup, function setup, reset.
(enter, up, down, left, right) toggles

User menu

Using buttons (enter, up, down, left, right) to choose items and set it.

● EXPOSURE

LENS TYPE	—	<input type="button" value="FIX"/>	<input type="button" value="IRIS"/>			
SHUTTER	—	<input type="button" value="AUTO"/>	<input type="button" value="1/100"/>	<input type="button" value="1/120"/>	<input type="button" value="1/250"/>	<input type="button" value="1/500"/>
		<input type="button" value="1/1000"/>	<input type="button" value="1/2000"/>	<input type="button" value="1/4000"/>	<input type="button" value="1/10000"/>	<input type="button" value="1/100000"/>
FLICKER	—	<input type="button" value="AUTO"/>	<input type="button" value="60HZ"/>	<input type="button" value="50HZ"/>		
AGC	—	<input type="button" value="HIGH"/>	<input type="button" value="MIDDLE"/>	<input type="button" value="LOW"/>	<input type="button" value="OFF"/>	
BRIGHTNESS	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>			
RETURN						

● WHITE BALANCE (WB)

MODE	—	<input type="button" value="INDOOR"/>	<input type="button" value="OUTDOOR"/>	<input type="button" value="USER"/>	<input type="button" value="AUTO"/>
R GAIN	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>		
B GAIN	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>		

● DAY & NIGHT

MODE	—	<input type="button" value="COLOR"/>	<input type="button" value="B/W"/>	<input type="button" value="AUTO"/>	<input type="button" value="SMART"/>
BURST	—	<input type="button" value="OFF"/>	<input type="button" value="ON"/>		
N ▶ N LEVEL	—	<input type="button" value="▣"/>	<input type="button" value="▣"/>	<input type="button" value="▣"/>	<input type="button" value="▣"/>
D ▶ D LEVEL	—	<input type="button" value="▣"/>	<input type="button" value="▣"/>	<input type="button" value="▣"/>	<input type="button" value="▣"/>

- D => N LEVEL determines the time at which the change occurs
(lower the faster)

N => D LEVEL determines the time at which the change occurs
(higher the faster)

● IMAGE & SETUP

BRIGHTNESS	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>		
CONTRAST	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>		
COLOR GAIN	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>		
SHARPNESS	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>		
NR	—	<input type="button" value="HIGH"/>	<input type="button" value="MIDDLE"/>	<input type="button" value="LOW"/>	<input type="button" value="OFF"/>
MIRROR	—	<input type="button" value="NOE"/>	<input type="button" value="H"/>	<input type="button" value="V"/>	<input type="button" value="HV"/>
LANGUAGE	—	<input type="button" value="ENGLISH"/>			
RETURN					

● FUNCTION SETUP

MOTION	—	<input type="button" value="◻"/>	<input type="button" value="◻"/>	<input type="button" value="◻"/>	<input type="button" value="◻"/>
ALARM	—	<input type="button" value="OFF"/>	<input type="button" value="ON"/>		
PRIVACY	—	<input type="button" value="OFF"/>	<input type="button" value="ON"/>		
SYSTEM SETUP					
RETURN					

● RESET

(reset current setting back to default setting)

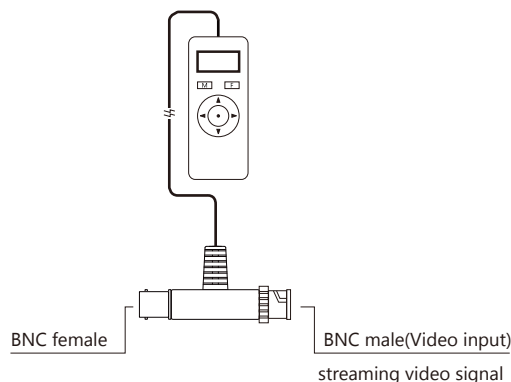
● SAVE & EXIT

(exit after saving current setting)



▲ UTC-200

(UTC Controller Sold Separately)

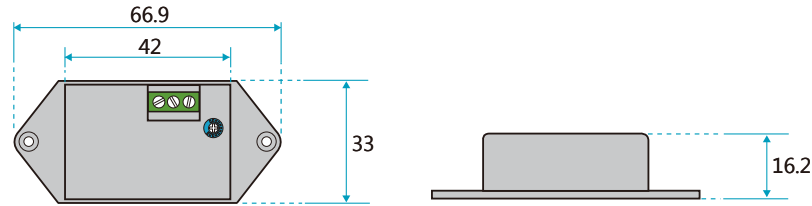


**Camera with Motion detection function
(Motion detect device- Sold separately)**

MO-M8510 have motion detection function. To connect with motion detect device is the process of detecting a change in position of an object relative to its surroundings or the change in the surroundings relative to an object.

Model	Power
TG12505	OUTPUT DC 5V
TG12512	OUTPUT DC 12V
NOTE: (Alarm I/O BOX) TG12505 (optional accessory) TG12512 (standard accessory)	

Dimensions (mm)



Instruction Drawing & Description

