

**Feature**

- Compact size.
- Hi Resolution up to 420 TV Lines.
- High Performance.
- Outstanding Quality!
- Competitive Price!

**Specification**

Unit : mm (± 0.5)

Model	MO-S8710
Video system	EIA / CCIR
Number of effective pixels	976 (H) x 496(V) (EIA / CCIR)
Effective Image Area	4.88 mm x 3.67 mm (Diagonal: 6.1mm)
Pixel Size	5.00 um x 7.40 um
Image sensor	1/3" B/W CCIQ III 960H Camera
Resolution(TV Lines)	710TV Line over (EIA) , 740TV Line over (CCIR)
S/N Ratio	46.4 dB
Dynamic range	63.5 [dB]
Sensor scan mode	Interlaced 60 fields
Minimum illumination	0.05Lux at F1.2 20IRE
Shutter Speed	1/60~1/200,000 (EIA) , 1/50~1/170,000 (CCIR)
Sensitivity	11.4 [V/Lux.sec]
Horizontal sync frequency	EIA -15.734kHz , CCIR - 15.625kHz
Vertical sync frequency	EIA - 60Hz , CCIR - 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	Camera input: DC 5~12V
Power current	80 mA(max-DC 12V)
Dimension (mm)	11 x 11 mm ±0.2mm
UTC function	Support
Motion detect function	specify when ordering



MO-S8710-3C



MO-S8710-4C



MO-S8710-3F



MO-S8710-4F



MO-S8710-3T



MO-S8710-4T

**Ordering Information**

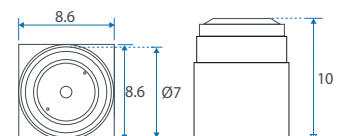
Model	Lens	Mic.	Model	Lens	Mic.
MO-S8710-3C	3.7mm / F2.0	N/A	MO-S8710A-3C	3.7mm / F2.0	External
MO-S8710-4C	4.3mm / F2.0		MO-S8710A-4C	4.3mm / F2.0	
MO-S8710-3F	3.7mm / F2.0		MO-S8710A-3F	3.7mm / F2.0	
MO-S8710-4F	4.3mm / F2.0		MO-S8710A-4F	4.3mm / F2.0	
MO-S8710-3T	3.1mm / F3.4		MO-S8710A-3T	3.1mm / F3.4	
MO-S8710-4T	3.9mm / F3.9		MO-S8710A-4T	3.9mm / F3.9	

**Note:**

- MO-S8710A-xx A : External Mic.
- MO-S8710A-xx 1/4" CCIQ III B/W Camera

**Other information**

MO-S5588  
1/4" Color CCIQ II Camera



Camera with UTC remote function  
(UTC-100 Sold separately MO-S8710 SERIES)

The main function(exposure, WB, Day & Night, image & setup, function setup, reset ) to the five buttons  
(enter, up, down, left, right) toggles

**Using 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								



▲ UTC-100

● **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="▬▬▬▬"/>						
D ▶ D LEVEL	---	<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**

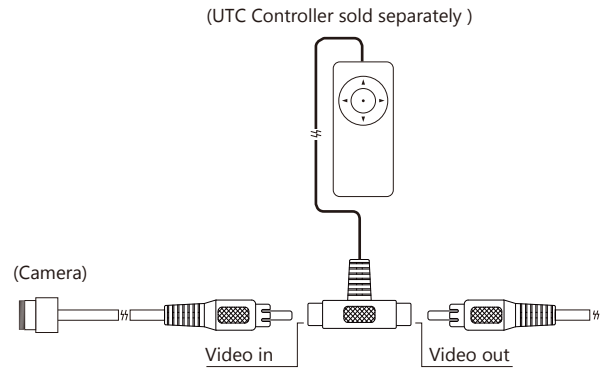
MOTION	---	<input type="button" value="□"/>	<input type="button" value="□"/>	<input type="button" value="□"/>	<input type="button" value="□"/>	<input type="button" value="□"/>			
ALARM	---	<input type="button" value="OFF"/>	<input type="button" value="ON"/>						
PRIVACY	---	<input type="button" value="OFF"/>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

● **RESET**

( reset current setting back to default setting )

● **SAVE & EXIT**

( exit after saving current setting )

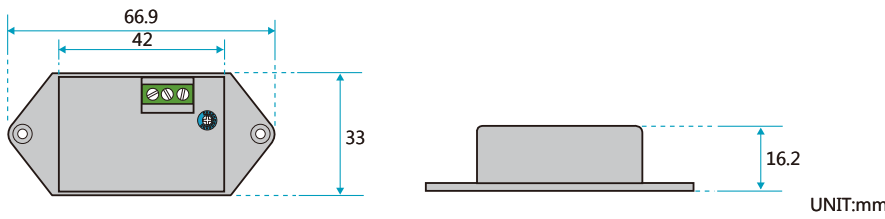


Camera with Motion detection function  
(Motion detect device- Sold separately)

MO-M8710 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	NOTE: ( Alarm I/O BOX)
TG12505	OUTPUT DC 5V	TG12505 (optional accessory) TG12512 (standard accessory)
TG12512	OUTPUT DC 12V	

Dimension



Instruction Drawing&Description

