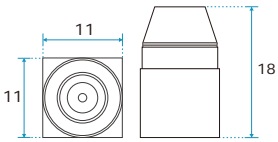
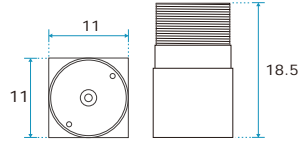


Body Type

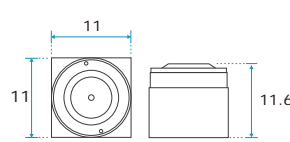
3C Lens



3F Lens



3T Lens



Feature

- High Sensitivity!
- High Performance.
- 1/3" CCIQ III Color
- 976 x 496 Pixel
- Compact size
- with UTC function

Specification

unit : mm (±0.2)

Model	MO-S8510	MO-M8510
Video system	NTSC / PAL	
Number of effective pixels	976 (H) x 496(V) (NTSC & PAL)	
Effective Image Area	4.88 mm x 3.67 mm (Diagonal : 5.97mm)	
Pixel Size	5.00 um x 7.40 um	
Image sensor	1/3" Color CCIQ III 960H Camera	
Resolution(TV Lines)	710TV Line over (NTSC) , 740TV Line over (PAL)	
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 (NTSC) , 1/50~1/170,000 (PAL)	
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	Camera input: DC 5~12V	
Power current	80 mA(max)-DC 12V	
Dimension (mm)	11 x 11 mm ±0.2mm	
UTC control function	with UTC control function	with UTC control function
Motion detection function	N/A	with Motion detection function



MO-S8510-3C
MO-M8510-3C



MO-S8510-3F
MO-M8510-3F



MO-S8510-3T
MO-M8510-3T

Other information

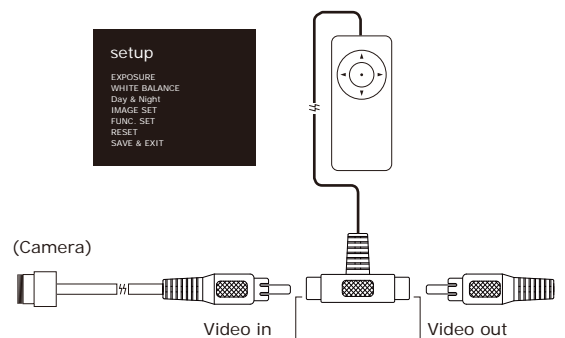
Model	Built-in Lens
MO-X8510-3C	3.7mm/F2.0
MO-X8510-4C	4.3mm/F2.0
MO-X8510-3F	3.7mm/F2.0
MO-X8510-4F	4.3mm/F2.0
MO-X8510-3T	3.1mm/F3.4
MO-X8510-4T	3.9mm/F3.9
MO-X8510-3G	3.6mm/F2.0

note:
MO-S8510A A: W/MIC.

MO-S8510 series + UTC remote function
MO-M8510



▲ UTC-100 (sold separately-MO-S8510)



Body Type

Camera with UTC remote function
(UTC-100 Sold separately ▶ MO-S8510 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"/>		
D ▶ N LEVEL	—	<input type="button" value="▣"/>	<input type="button" value="▣"/>	<input type="button" value="▣"/>	<input type="button" value="▣"/>
D ▶ N 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**

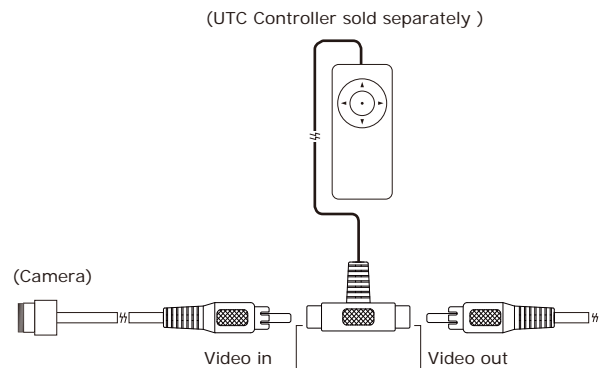
MOTION	—	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALARM	—	<input type="button" value="OFF"/>	<input type="button" value="ON"/>				
PRIVACY	—	<input type="button" value="OFF"/>	<input type="button"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

● **RESET**

(reset current setting back to default setting)

● **SAVE & EXIT**

(exit after saving current setting)

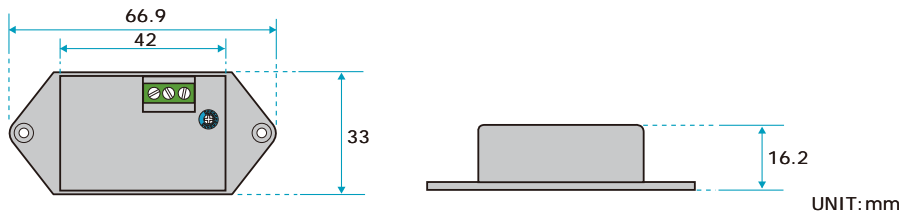


Camera with Motion detection function
(Motion detect device- Sold separately)

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

Dimension



Instruction Drawing&Description

