Feature

- Miniature size.
- Outstanding quality.
- VGA image pixel.



▲ MO-S85510-4F



▲ MO-S9610-3F

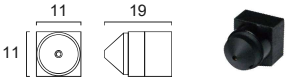
Unit: ± 0.5 mm

Specification

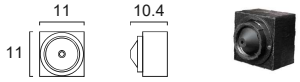
Model No.	S5610	S7510	S7610	S8510 (UTC) Motion Detection	S85510 (UTC) Motion Detection	S86610	S8610	S9610
Dimensions (mm)	11 x 11							11.5 x 11.5
Orientation	Front View							
Camera Type	Board Type							
Video Format	NTSC / PAL							
Image Sensor	1/3"	1/4"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Resolution	728 x 488	648 × 488	728 x 488	976 x 496	976 x 496	976 x 496	976 x 496	960 x 480 (NTSC) 960 x 576 (PAL)
Pixel Size (um)	6.35 x 7.4	5.6 × 5.6	6.2 x 7.4	5.0 x 7.4	5.0 x 7.4	5.0 x 7.4	5.0 x 7.4	5.0 x 6.2
Image Area (mm)	4.62 x 3.61	3.63 × 2.73	4.623 x 3.611	4.88 x 3.67	4.88 x 3.67	4.88 x 3.67	4.88 x 3.67	4.88 x 3.67
Sensitivity (Lux.Sec)	13.8	10.5	19.5	11.4	10.8	10.8	11.4	16.2
Dynamic Range	63.7	65.3	37.9	63.5	63.2	63.2	63.5	65.9
S/N Ratio	46.4	46.2	50	46.4	45.3	45.3	46.4	43.6
Scan Mode	Progressive							
Shutter	Rolling							
Horizontal Sync Freq.	15.734 kHz / 15.625 kHz							
Vertical Sync Freq.	60 Hz / 50 Hz							
Frame Rate (/ sec.)	30 fps / 25 fps							
Gamma Consumption	0.45							
Video Output	1Vp-p , 75 ohms Composite							
Lens	Please Check Model Information Table							
View Angle	Please Check Model Information Table							
Focus Distance (mm)	Infinity							
LED	N/A (Optional)							
Storage Temp.	-30 to 60 Degree C							
Working Temp.	-10 to 60 Degree C							
Power Supply	DC 5~12 V							
Power Current (Max.)	120 mA	80 mA	120 mA					
Microphone	N/A (External Optional)							

* Working temperature means the camera device, not environment temperature.

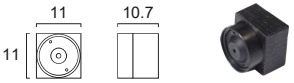
2C Lens (99°)



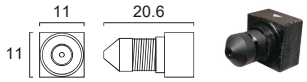
2V Lens (91°)



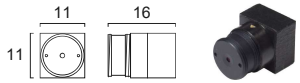
3T Lens (86°)



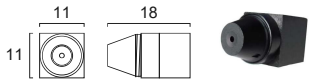
3V Lens (83°)



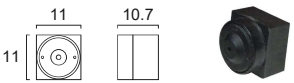
3F Lens (76°)



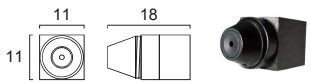
3C Lens (75°)



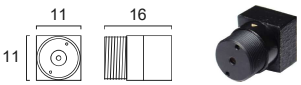
4T Lens (73°)



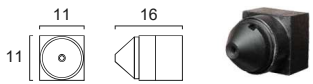
4C Lens (68°)



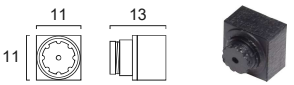
4F Lens (68°)



4V Lens (68°)



4H Lens (63°)



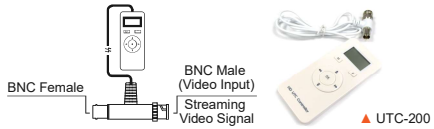
Unit: ± 0.5 mm

Camera with UTC remote function *(Specify When Ordering)*
(UTC-200 Sold separately)
Five Buttons Function:
Exposure, White Balance, 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 — FIX | IRIS
  - SHUTTER — AUTO | 1/100 | 1/120 | 1/250 | 1/500 | 1/1000 | 1/2000 | 1/4000 | 1/10000 | 1/100000
  - FLICKER — AUTO | 60HZ | 50HZ
  - AGC — HIGH | MIDDLE | LOW | OFF
  - BRIGHTNESS — ◀◀ - + ▶▶
  - RETURN
- **WHITE BALANCE (WB)**
  - MODE — INDOOR | OUTDOOR | USER | AUTO
  - R GAIN — ◀◀ ▶▶
  - B GAIN — ◀◀ ▶▶
- **DAY & NIGHT**
  - MODE — COLOR | B/W | AUTO | SMART
  - BURST — OFF | ON
  - N ▶ N LEVEL — ▮▮▮▮
  - D ▶ D LEVEL — ▮▮▮▮

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 — ◀◀ - + ▶▶
  - CONTRAST — ◀◀ - + ▶▶
  - COLOR GAIN — ◀◀ - + ▶▶
  - SHARPNESS — ◀◀ - + ▶▶
  - NR — HIGH | MIDDLE | LOW | OFF
  - MIRROR — NOE | H | V | HV
  - LANGUAGE — ENGLISH
  - RETURN
- **FUNCTION SETUP**
  - MOTION — ☐ ⌐ ⌐ ⌐ ⌐ ☐
  - ALARM — OFF | ON
  - PRIVACY — OFF | ON
  - SYSTEM SETUP
  - RETURN
- **RESET**

Reset current setting back to default setting.

- **SAVE & EXIT**

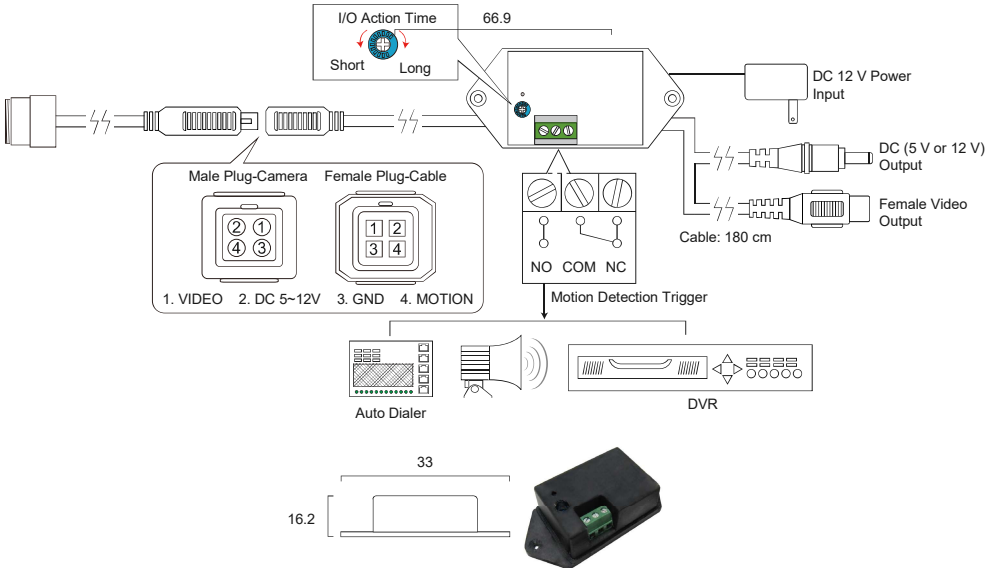
Exit after saving current setting.

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 No.	Power Output	(Alarm I/O BOX)
TG12505	DC 5V	Optional
TG12512	DC 12V	Standard

Instructional Drawing



Unit: ± 0.5 mm

MO-VS7610ALH-2C

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LED	END SIDE
M Basic	CVBS O IRIS 4 Pin J Phone Jack Q M8 Waterproof F RCA / DC	Front View (V)S Forming Type *V Dimmer Controller	Color / B/W / Dimensions 5610 / 5910 / 11 x 11 7510 / 7710 / 11 x 11 7610 / 7910 / 11 x 11 8510 / 8710 / 11 x 11 85510 / 87710 / 11 x 11 86610 / 89910 / 11 x 11 8610 / 8910 / 11 x 11 9610 / 9910 / 11.5 x 11.5	N/A None A External	N/A None White L Normal LH High-Intensity Infrared L9 IR 940 nm L8 IR 850 nm	N/A Cable + Connector C Cable + Wires Out W Wires Out

LENS

Code	Specification	View Angle 46/56/76	75	85/855/866/86/96
139	1.39 mm / F 2.4	129	116	130
2ES	2.3 mm / F 2.6	103	89	105
2C	2.5 mm / F 2.5	98	84	125
2V	2.8 mm / F 3.9	92	78	94
	2.81 mm / F 3.9			
3T	3.1 mm / F 3.1	86	72	89
	3.4 mm / F 3.4	81	67	83
3V	3.3 mm / F 2.4	83	69	85
3X6	3.4 mm / F 6.0	81	67	83
3TC	3.5 mm / F 3.5	79	54	82
3GS	3.6 mm / F 2.0	78	64	80
3F	3.7 mm / F 2.0	76	63	78
	3.7 mm / F 2.5			
3C	3.7 mm / F 2.0	75	61	77
	3.8 mm / F 2.0	73	60	76
4T	3.9 mm / F 3.9	69	156	71
4G	4.25 mm / F 1.1	68	55	70
4C	4.3 mm / F 2.0	78	51	78
4F	4.3 mm / F 2.0	68	55	70
4V	4.3 mm / F 2.5	66	55	70

* IR 940nm or IR 850nm LED is suggested to choose B/W camera type.
* Camera with LED light source is suggested to use lens with larger F-Stop number.
* Camera appearance or other requirements are applicable for customization.

Connector Information

