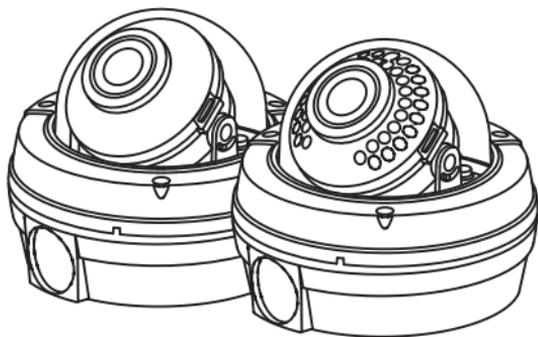


Sentry-700

Dome & Infrared Dome Camera



INSTRUCTION MANUAL

CONTENTS

WARNING & CAUTION	2
GENERAL FEATURES	4
NAME OF EACH PART	6
INSTALLATION	8
CONNECTION	13
SPECIFICATIONS	14
OSD MENU SETTING	18
TROUBLESHOOTING	20
DIMENSIONS	21

WARNING & CAUTION

If you fail to read this information and handle the product incorrectly, death or serious injury may occur.

The unit should be installed by the trained Personnel.

Switch off immediately if the product emits smoke or abnormal heat.

Never install the product in area exposed to oil or gas.

Never touch the power cord with wet hands.

Clean only with dry cloth.

Ensure that the product is not subjected to strong impacts and vibration.

Never expose the camera to direct sunlight

WARNING

Never disassemble the unit by
unauthorized person.

Serious and Permanent
damage will occur.

WARNING & CAUTION



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Contents in Box

- | | |
|---|---|
| 1. CAMERA ----- 1EA | 6. SCREW $\varnothing 4 \times 25$ ----- 7EA |
| 2. MOUNT BRACKET ----- 1EA | 7. O-RING ($\varnothing 3.8 \times 1.9$ t)-- 3EA |
| 3. TERMINAL BLOCK ----- 1EA
(Dual Power Type Only) | 8. WRENCH 1.5mm ----- 1EA |
| 4. DC JACK CABLE ----- 1EA
(Dual Power Type Only) | 9. WRENCH 2.5mm ----- 1EA |
| 5. CALBLOCK $\varnothing 6 \times 30$ ----- 4EA | 10. MANUAL ----- 1EA |
| | 11. TEMPLATE LABEL --- 1EA |

GENERAL FEATURES

IP-68 rated waterproof frame housing

An ideal waterproof frame housing suitable for the outdoor circumstance.

3-Axis bracket (Ceiling, Flush, Wall mount available)

This 3-Axis bracket enable you to install easily anywhere.

Compatible with a junction box

It can compatible with a junction box, therefore easy to install.

Easy installation by mount bracket.

Once you fix the mount bracket on the surface of a wall or the ceiling, the camera will not fall by holder of the bottom cover.

So it can install the camera easily.

Extra video out available

The camera has an Extra Video output jack to check the actual image or setup of the OSD function.

Powerful Infra-Red LEDs (Built in IR LED Type only)

By adopting powerful Infra-Red LEDs, it can observe clearly even night time or circumstance of total darkness.

2.8~12mm or 3.5~16mm TDN Varifocal lens (option)

By adopting a filter-changeable TDN(ICR) Varifocal lens, you can get more clear image.

Wide-ranging power tolerance

Dual Power Type : DC10V~30V / AC10V~28V

DC12V Power Type : DC12V±10%

Heater (option)

By adopting Heater, this camera suitable for a harsh climate.

(-40°C~+50°C)

High Resolution

By adopting a diagonal 6mm(1/3") SONY EXVIEW HAD CCD II, the camera produces clear picture quality with a horizontal resolution of 700 TV line color, and 800 TV line B/W (960H Type)

Low Light Sensitivity

By adapting unique digital processing technology, It can clearly distinguish the outline and color of a subject in 0.0001Lux(B/W for Sens-up x256) low illumination environments.

GENERAL FEATURES

SMART 3DNR (3D Digital Noise Reduction + Motion Detection)

By adopting unique digital processing technology, it can reduce the gain noise and produce clear, obvious images in low illumination environments.

F-DNR (Fog Digital Noise Reduction)

You will have a distinct image in any severe circumstances: ambient light, fog, rain, snow, etc.

D-WDR (Digital Wide Dynamic Range)

The D-WDR function illuminates darker areas of an image during retaining the same light level for brighter areas to even out the overall brightness of images with high contrast between bright and dark areas.

SMART D-ZOOM

This will be helpful to cover the limitation of the focal length of the equipped lens.

DIS (Digital Image Stabilizer)

It prevents the unfocused image by shaking and secures the clear image.

LENS SHADING COMPENSATION

LSC corrects the phenomenon where the image gets darkened or blurred on the periphery.

DEFECT

The DEFECT mode compensates Dead Pixel of the CCD Sensor.

SENS UP

When it is night or dark circumstance, the camera automatically detects the light level and maintains a clear picture if this mode is operated.

SMART IR

The DSP can control the saturated image caused by close object when IR LED operating.

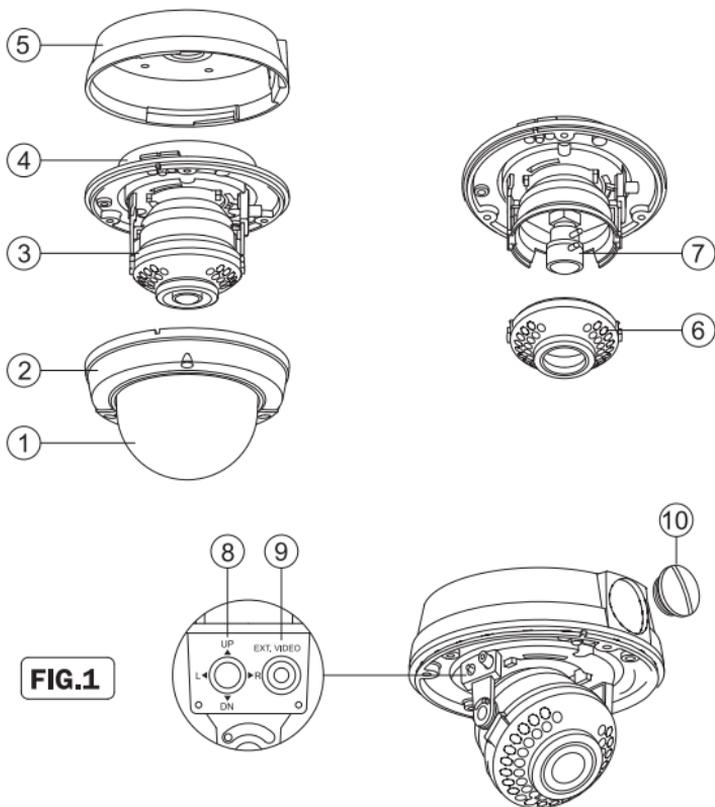
Motion Detection (4 Zone, Alarm output)

Since the camera detects motion and generates signals without any additional external sensors, you can monitor more efficiently by connecting an alarm device.

Polygon Privacy Masking (8 Zone)

You can easily set up privacy masking areas to be masked unwanted zones and hide them from display on the screen.

NAME OF EACH PART (Built in IR LED Type)



1. Bubble 100 Phi
2. Top Cover
3. Main Body
4. Bottom Cover
5. Mount Bracket
6. Cover
7. Lens
8. OSD Menu Switch
9. Extra Video Output
10. Cap Screw (PT 3/4)

NAME OF EACH PART (Without IR LED Type)

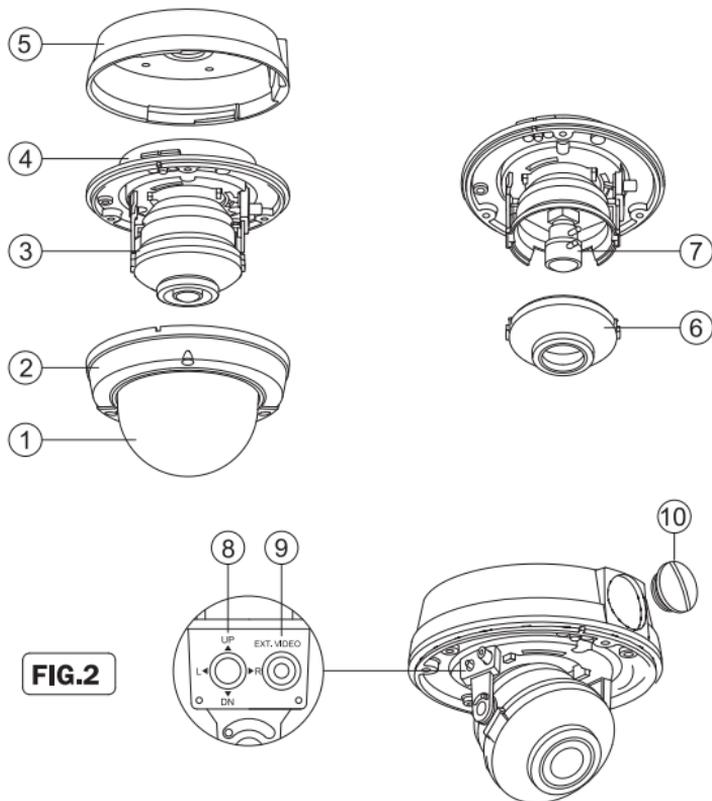


FIG.2

1. Bubble 100 Phi
2. Top Cover
3. Main Body
4. Bottom Cover
5. Mount Bracket
6. Cover
7. Lens
8. OSD Menu Switch
9. Extra Video Output
10. Cap Screw (PT 3/4)

INSTALLATION

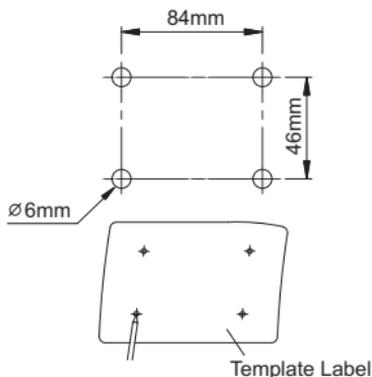


FIG.3

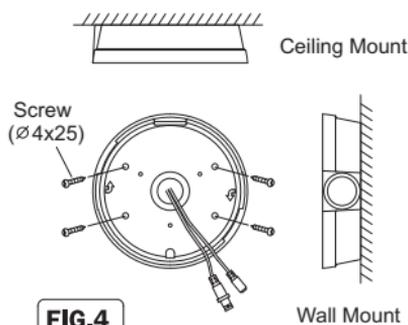
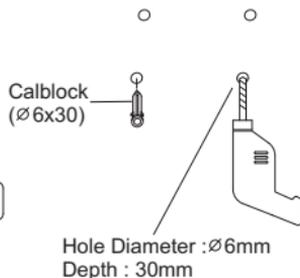


FIG.4

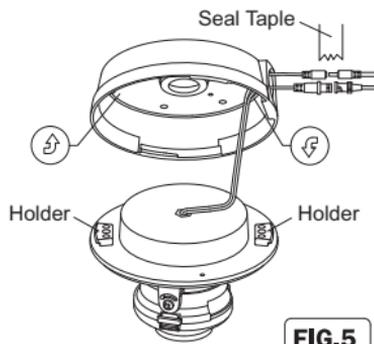
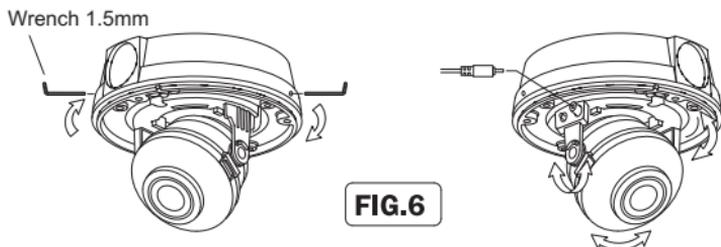


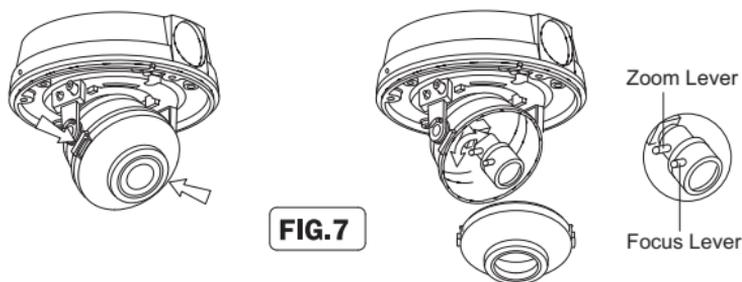
FIG.5

1. When you need to install a camera on the surface of a concrete wall, you can drill a hole like Fig.3 exactly by using a template label offered by accessory.
2. As Fig.3, please set a calblock in the hole of the wall.
3. Please fix the mount bracket by using screw.
4. After connect with cable (Please refer to the connection part for the cable connection). Please join holder part of the bottom cover to the arrow direction on the floor inside of the mount bracket then push and twist to clockwise. (Refer to Fig.5 & Fig.6)

INSTALLATION



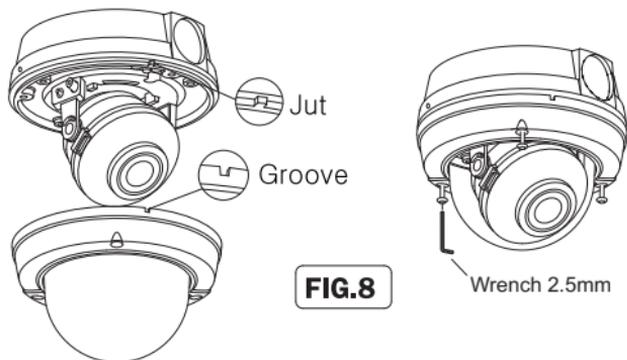
5. Like Fig.6, please join bottom cover to clockwise until it stops after inserting, kindly tighten screw on both sides of the mount bracket.
6. After connect Extra Video Connector to the screen, you can place the camera to desired direction. (For the cable connection, Please refer to Page.13)



7. Like Fig.7, please open the Cover (push lightly on both sides of the Cover). After adjust Zoom and Focus by using a Lens Lever, close the Cover.

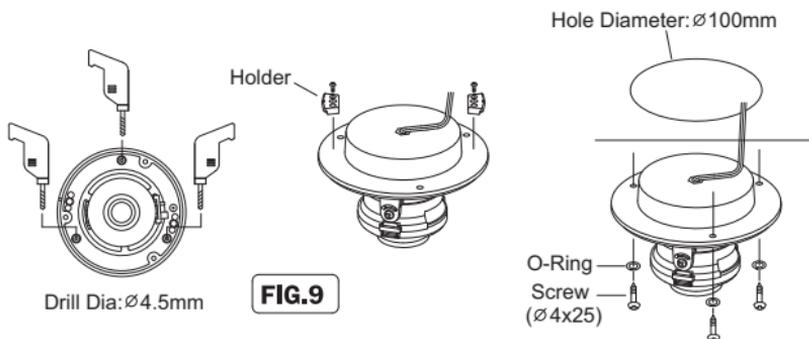
NOTE : Please notice a direction on both side of lock part of the cover.
(The size of left and right side are different. If the direction is changed, the cover will not be fitted.)

INSTALLATION



8. After close Groove of Top Cover and Jut of Bottom Cover, please tighten screws surely to prevent a leak of water.

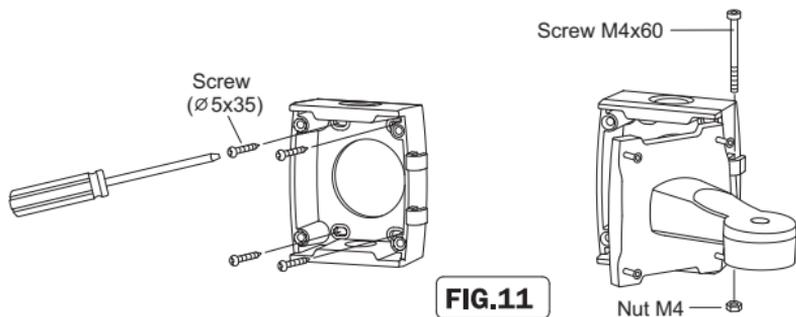
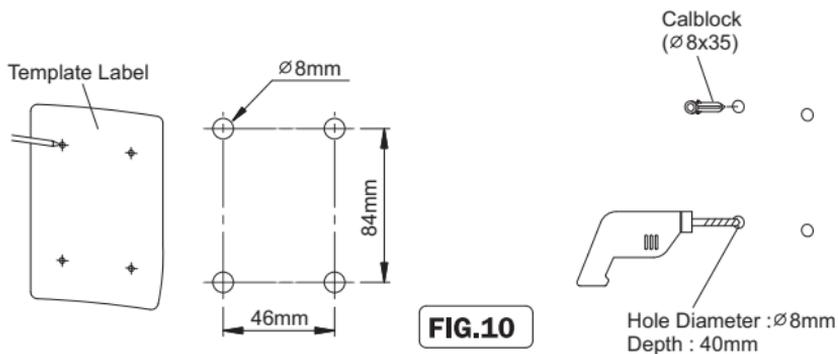
How to install Flush Mount



1. Like Fig.9, Please drill into Bottom Cover to $\varnothing 4.5\text{mm}$ holes of 3pcs by using drill machine.
2. Please remove plastic holder of 2pcs on the Bottom Cover side.
3. Make a hole of $\varnothing 100\text{mm}$ on the ceiling. Then put the camera into the hole and please fixing by screw with O-ring.
4. The way of rest installation is the same as previous page.

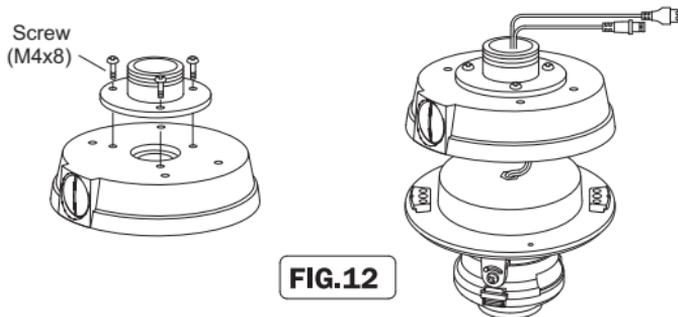
INSTALLATION

How to install Wall Mount Bracket

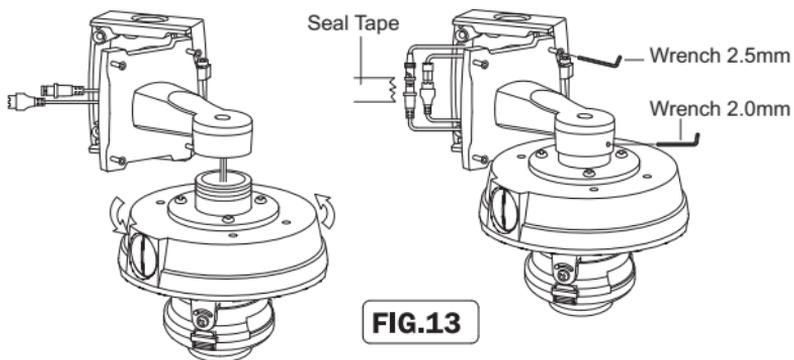


1. When you need to install a camera on the surface of a concrete wall, you can drill a hole like Fig.10 exactly by using a Template Label offered by accessory.
2. Please set a Calblock in the hole of the wall.
3. Then stick by screw by using a Junction Box on the surface of a wall.
4. Please join the Bracket to the Junction Box. (Refer to Fig.11)

INSTALLATION



5. After join a Adapter to the Mount Bracket, please combine the camera by the same way like explained in the previous.



6. After pass a cable to Wall Mount Bracket, please insert the Camera to clockwise then screw it.
7. Please wrap and finish the Cable Connector by using a seal tape to prevent a leak of water.
8. After close the cover of Wall Mount Bracket, please fix by using screws.

CONNECTION

DUAL POWER TYPE

*A power source connection is nonpolar.

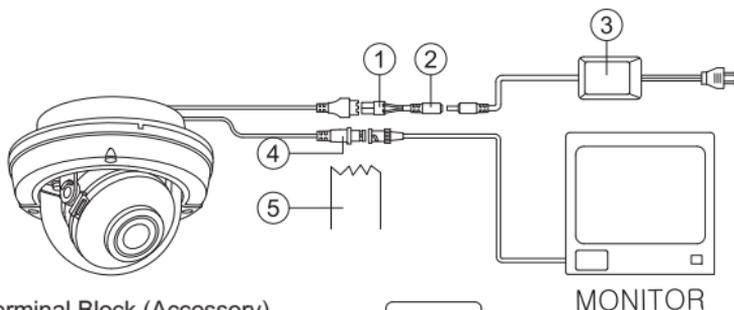


FIG.14

1. Terminal Block (Accessory)
2. DC Jack Cable (Accessory)
3. Adaptor (DC12V or AC24V)
4. Video Output (CVBS)
5. Seal Tape

DC12V POWER TYPE

*A power source connection is nonpolar.

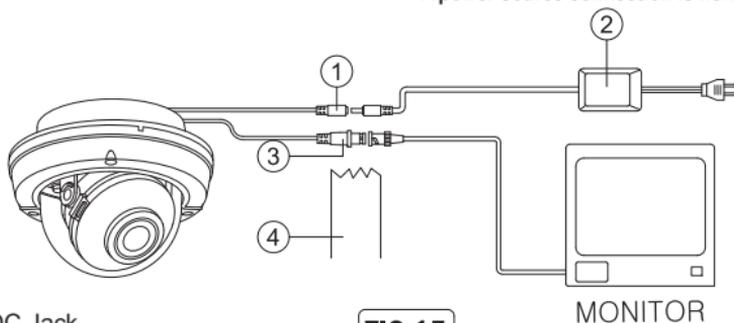


FIG.15

1. DC Jack
2. Adaptor (DC12V)
3. Video Output (CVBS)
4. Seal Tape

CAUTION : After connecting the cable, please make sure bind by using a Seal Tape to prevent a leak of water.

SPECIFICATIONS (Built in IR LED /760H Type)

TV SYSTEM	NTSC	PAL
Total pixels	811(H) x 508(V)	795(H) x 595(V)
Effective pixels	768(H) x 494(V)	752(H) x 582(V)
Frequency	15.734[KHz] (H) / 59.94[Hz] (V)	15.625[KHz] (H) / 50[Hz] (V)
ESC	Auto/FLK/Manual(1/60~100,000 sec)	Auto/FLK/Manual(1/50~100,000 sec)
DSP	NEXT CHIP HAWK-II	
Sensor	1/3 inch SONY 760H EXVIEW HAD CCD II	
Resolution	650 TV lines (Color), 700 TV lines (B/W)	
Scanning system	2:1 Interlace	
Sync	Internal	
S/N Ratio (Y signal)	More than 52 dB (AGC Off)	
Video output	CVBS:1.0Vp-p / 75Ω Composite	
Min. Illumination	0.5Lux at F1.2 (color) / 0.0001Lux (B/W for sense up X256) / 0Lux (IR on)	
White balance	ATW / AWB / AWC-->SET / MANUAL / INDOOR / OUTDOOR	
BLC	BLC / HSBLC / Off	
Gain control	Low / Middle / High / Off	
Defect	Compensation dead pixel of the CCD Sensor	
Smart 3DNR	On / Off (3D)	
Day & Night	Color / Auto / B/W /EXT	
Sens-up	AUTO(x2~x256) / Off	
DIS	(Digital Image Stabilizer) On / Off	
D-zoom	x1.0~x32	
Privacy	On / Off (Programmable 8 zones)	
Motion detection	On / Off (Programmable 4 zones)	
F-DNR(Defog)	Auto / Manual / Off	
D-WDR	(Digital Wide Dynamic Range) Low-Level / High-Level	
Smart IR	On / Off	
Lens Shading	On / Off	
Operating temp./hum.	-10°C~+50°C (Heater type -40°C~+50°C) / 30%~80% RH	
Storage temp./hum.	-20°C~+60°C / 20%~90% RH	
Power	Dual Type(DC:10V~30V, AC:10V~28V)/DC Type(DC12V ±10%)	
Power consumption	Dual Type (DC:Max. 7W, AC:Max. 9W) / DC Type (Max. 6W)	
IR LED	Round 40pcs (30deg)	
Lens (option)	DC auto iris lens (2.8~12mm or 3.5~16mm) ICR Filter change DC auto iris lens (2.8~12mm or 3.5~16mm)	
IP Rating	68	
Dimension	145mm(W) x 124mm(H)(When Including Bracket Mount)	
Weight	0.9Kg	

SPECIFICATIONS (Built in IR LED /960H Type)

TV SYSTEM	NTSC	PAL
Total pixels	1020(H) x 508(V)	1020(H) x 596(V)
Effective pixels	976(H) x 494(V)	976(H) x 582(V)
Frequency	15.734[KHz] (H) / 59.94[Hz] (V)	15.625[KHz] (H) / 50[Hz] (V)
ESC	Auto/FLK/Manual(1/60~100,000 sec)	Auto/FLK/Manual(1/50~100,000 sec)
DSP	NEXT CHIP HAWK-II	
Sensor	1/3 inch SONY 960H EXVIEW HAD CCD II	
Resolution	700 TV lines (Color), 800 TV lines (B/W)	
Scanning system	2:1 Interface	
Sync	Internal	
S/N Ratio (Y signal)	More than 52 dB (AGC Off)	
Video output	CVBS:1.0Vp-p / 75Ω Composite	
Min. Illumination	0.4Lux at F1.2 (color) / 0.0001Lux (B/W for sense up X256) / 0Lux (IR on)	
White balance	ATW / AWB / AWC-->SET / MANUAL / INDOOR / OUTDOOR	
BLC	BLC / HSBLC / Off	
Gain control	Low / Middle / High / Off	
Defect	Compensation dead pixel of the CCD Sensor	
Smart 3DNR	On / Off (3D)	
Day & Night	Color / Auto / B/W /EXT	
Sens-up	AUTO(x2~x256) / Off	
DIS	(Digital Image Stabilizer) On / Off	
D-zoom	x1.0~x32	
Privacy	On / Off (Programmable 8 zones)	
Motion detection	On / Off (Programmable 4 zones)	
F-DNR(Defog)	Auto / Manual / Off	
D-WDR	(Digital Wide Dynamic Range) Low-Level / High-Level	
Smart IR	On / Off	
Lens Shading	On / Off	
Operating temp./hum.	-10°C~+50°C (Heater type -40°C~+50°C) / 30%~80% RH	
Storage temp./hum.	-20°C~+60°C / 20%~90% RH	
Power	Dual Type(DC:10V~30V, AC:10V~28V)/DC Type(DC12V ±10%)	
Power consumption	Dual Type (DC:Max. 7W, AC:Max. 9W) / DC Type (Max. 6W)	
IR LED	Round 40pcs (30deg)	
Lens (option)	DC auto iris lens (2.8~12mm or 3.5~16mm) ICR Filter change DC auto iris lens (2.8~12mm or 3.5~16mm)	
IP Rating	68	
Dimension	145mm(W) x 124mm(H)(When Including Bracket Mount)	
Weight	0.9Kg	

SPECIFICATIONS (Without IR LED /760H Type)

TV SYSTEM	NTSC	PAL
Total pixels	811(H) x 508(V)	795(H) x 595(V)
Effective pixels	768(H) x 494(V)	752(H) x 582(V)
Frequency	15.734[KHz] (H) / 59.94[Hz] (V)	15.625[KHz] (H) / 50[Hz] (V)
ESC	Auto/FLK/Manual(1/60~100,000 sec)	Auto/FLK/Manual(1/50~100,000 sec)
DSP	NEXT CHIP HAWK-II	
Sensor	1/3 inch SONY 760H EXVIEW HAD CCD II	
Resolution	650 TV lines (Color), 700 TV lines (B/W)	
Scanning system	2:1 Interlace	
Sync	Internal	
S/N Ratio (Y signal)	More than 52 dB (AGC Off)	
Video output	CVBS:1.0Vp-p / 75Ω Composite	
Min. Illumination	0.5Lux at F1.2 (color) / 0.0001Lux (B/W for sense up X256) / 0Lux (IR on)	
White balance	ATW / AWB / AWC-->SET / MANUAL / INDOOR / OUTDOOR	
BLC	BLC / HSBLC / Off	
Gain control	Low / Middle / High / Off	
Defect	Compensation dead pixel of the CCD Sensor	
Smart 3DNR	On / Off (3D)	
Day & Night	Color / Auto / B/W /EXT	
Sens-up	AUTO(x2~x256) / Off	
DIS	(Digital Image Stabilizer) On / Off	
D-zoom	x1.0~x32	
Privacy	On / Off (Programmable 8 zones)	
Motion detection	On / Off (Programmable 4 zones)	
F-DNR(Defog)	Auto / Manual / Off	
D-WDR	(Digital Wide Dynamic Range) Low-Level / High-Level	
Smart IR	On / Off	
Lens Shading	On / Off	
Operating temp./hum.	-10°C~+50°C (Heater type -40°C~+50°C) / 30%~80% RH	
Storage temp./hum.	-20°C~+60°C / 20%~90% RH	
Power	Dual Type(DC:10V~30V, AC:10V~28V)/DC Type(DC12V±10%)	
Power consumption	Dual Type (DC:Max. 4W, AC:Max. 5W) / DC Type (Max. 3W)	
Lens (option)	DC auto iris lens (2.8~12mm or 3.5~16mm) ICR Filter change DC auto iris lens (2.8~12mm or 3.5~16mm)	
IP Rating	68	
Dimension	145mm(W) x 124mm(H)(When Including Bracket Mount)	
Weight	0.9Kg	

SPECIFICATIONS (Without IR LED /960H Type)

TV SYSTEM	NTSC	PAL
Total pixels	1020(H) x 508(V)	1020(H) x 596(V)
Effective pixels	976(H) x 494(V)	976(H) x 582(V)
Frequency	15.734[KHz] (H) / 59.94[Hz] (V)	15.625[KHz] (H) / 50[Hz] (V)
ESC	Auto/FLK/Manual(1/60~100,000 sec)	Auto/FLK/Manual(1/50~100,000 sec)
DSP	NEXT CHIP HAWK-II	
Sensor	1/3 inch SONY 960H EXVIEW HAD CCD II	
Resolution	700 TV lines (Color), 800 TV lines (B/W)	
Scanning system	2:1 Interface	
Sync	Internal	
S/N Ratio (Y signal)	More than 52 dB (AGC Off)	
Video output	CVBS:1.0Vp-p / 75Ω Composite	
Min. Illumination	0.4Lux at F1.2 (color) / 0.0001Lux (B/W for sense up X256) / 0Lux (IR on)	
White balance	ATW / AWB / AWC-->SET / MANUAL / INDOOR / OUTDOOR	
BLC	BLC / HSBLC / Off	
Gain control	Low / Middle / High / Off	
Defect	Compensation dead pixel of the CCD Sensor	
Smart 3DNR	On / Off (3D)	
Day & Night	Color / Auto / B/W /EXT	
Sens-up	AUTO(x2~x256) / Off	
DIS	(Digital Image Stabilizer) On / Off	
D-zoom	x1.0~x32	
Privacy	On / Off (Programmable 8 zones)	
Motion detection	On / Off (Programmable 4 zones)	
F-DNR(Defog)	Auto / Manual / Off	
D-WDR	(Digital Wide Dynamic Range) Low-Level / High-Level	
Smart IR	On / Off	
Lens Shading	On / Off	
Operating temp./hum.	-10°C~+50°C (Heater type -40°C~+50°C) / 30%~80% RH	
Storage temp./hum.	-20°C~+60°C / 20%~90% RH	
Power	Dual Type(DC:10V~30V, AC:10V~28V)/DC Type(DC12V±10%)	
Power consumption	Dual Type (DC:Max. 4W, AC:Max. 5W) / DC Type (Max. 3W)	
Lens (option)	DC auto iris lens (2.8~12mm or 3.5~16mm) ICR Filter change DC auto iris lens (2.8~12mm or 3.5~16mm)	
IP Rating	68	
Dimension	145mm(W) x 124mm(H)(When Including Bracket Mount)	
Weight	0.9Kg	

OSD MENU SETTING

MENU		SUB MENU			
LENS	DC	BRIGHTNESS	0-100		
		IRIS SPEED	0-5		
	VIDEO				
EXPOSURE	MANUAL	BRIGHTNESS	0-100		
	SHUTTER	AUTO(SHUT.MIN, SHUT.MAX), 1/60(50), FLK, MANUAL(LEVEL1/60, FLK,1/250,1/500,1/1000,1/2000,1/5000,1/10000,1/20000,1/50000,1/100000)			
	AGC	LOW,MIDDLE,HIGH			
	SENS-UP	OFF			
AUTO		x2,x4,x6,x8,x10,x12,x14,x16,x24,x32,x64,x128,x256			
BACK LIGHT	D-WDR	LOW-LEVEL	0-15		
		HIGH-LEVEL	0-15		
	BLC	VALUE	LOW, MIDDLE, HIGH		
		AREA	SINGLE, DOUBLE		
	HSBLC	DEFAULT			
		GAIN	0-100		
		MODE	NIGHT ONLY, ALL DAY		
		MASK LEVEL	0-100		
DEFAULT					
M. SKIP AREA	OFF, ON				
WHITE BAL	ATW				
	AWB				
	AWC-->SET				
	MANUAL	BLUE	0-100		
		RED	0-100		
	INDOOR				
OUTDOOR					
DAY&NIGHT	AUTO	DELAY	0-15		
		D-->N(AGC)	48-255		
		N-->D(CDS)	0-207		
	COLOR				
	BW	BURST	ON, OFF		
			OFF		
		IR SMART	VALUE	0-100	
			AREA	POSITION, SIZE	
EXT	DELAY	0-15			
SMART 3DNR	OFF				
	ON	VALUE	0-200		
		SMART NR	OFF		
			ON	SMART LEVEL 0-200	
		SENSITIVITY 0-100			
F-DNR	OFF				
	MANUAL	LEVEL	0-31		
		COLOR GAIN	0-10		
		EDGE GAIN	0-10		
		GAMMA	USER, 0.05-1.00		
AUTO	DEFECT LEVEL	0-5			

OSD MENU SETTING

MENU		SUB MENU		
FUNCTION	MOTION	AREA	1-4	
		AREA DISPLAY	ON,OFF	
		VALUE	0-100	
		MOTION VIEW	ON,OFF	
	PRIVACY	AREA	1-8	
		AREA DISPLAY	ON,OFF	
		COLOR	0-15	
		TRANSFER	0-3	
	D-EFFECT	D-ZOOM	RANGE	x1.0~x32
			PAN	-100-100
			TILT	-100-100
		SMART D-ZOOM	RANGE	x2.0~x5.0
			POSITION	
			SENSITIVITY	0-100
			TIME	0-15
		DIS	ON,OFF	
		FREEZE	ON,OFF	
		MIRROR	OFF,MIRROR,V-FLIP,ROTATE	
		NEG. IMAGE	ON,OFF	
		SHARPNESS	0-31	
	IMAGE ADJ	MONITOR	CRT	PED LEVEL 0-63
				COLOR GAIN 0-255
			LCD	GAMMA (USER, 005-1.0)
				PED LEVEL 0-63
				COLOR GAIN 0-255
				LEVEL 0-60
		LENS SHADING	H-CENTER 0-255	
			V-CENTER 0-255	
		LENS SHADING	ON,OFF	
		DEFECT	SENS-UP	x4,x8,x16,x32x64x128
	DIFF		0-3	
	THRESHOLD		0-4	
	START			
	CAM ADJ	CAM TITLE	ON,OFF	
		PROTOCOL	PELCO-D, PELCO-P, SPD-S, DONGYANG, NICP	
		RS485	CAM ID	1-255
			ID DISPLAY	ON,OFF
			BAUDRATE	2400,4800, 9600,19200
		SYNC	INT	
	LANGUAGE	ENGLISH, KOREAN, JAPANESE, CHINESE1, CHINESE2, RUSSIA, FRANCAIS, ESPANOL, ITALIANO, PORTU, DOUTCH, GERMAN, POLISH, TURKI, HEBREW, ARAB		
EXIT	SAVE, RESET,CANCEL			

< Note : >

- Default value of the 'SHUTTER' is that '1/50(60)' for indoor and 'AUTO' for outdoor.

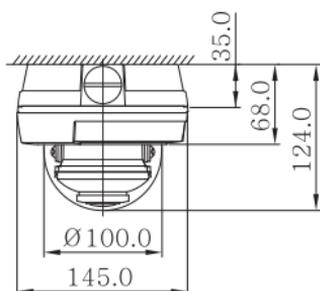
(You can change the SHUTTER setting value according to the installation circumstances as above.)

- Depending on setting of sub menu, the default value may be changed.

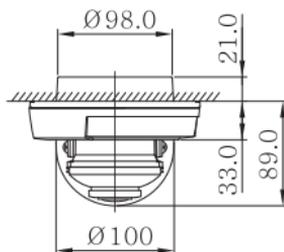
TROUBLESHOOTING

PROBLEM	SOLUTION
No picture	Check if the power cable is connected properly. Check if the video cable is connected correctly.
Camera with excessive heat, Abnormal motion or Black lines on the screen.	Check if the power supply meets the minimum requirements and that the power supply is functioning properly.
Blinking Screen	Check if the Camera faces the Sun or fluorescent lamp. Check if the Auto Iris Lens connector is connected properly.
Unclear Screen	Check if the Lens is dirty. If necessary, clean the lens with a soft cloth or lens brush. Check the camera positioning and setting. Adjust the camera position if too much light is entering the iris. Check the Back-Focus Setting.
No operation of Color Auto mode	Check if you set 'Color' mode 'EXT/ON/OFF' Check if you set 'Gain' mode off.
No operation of Motion Detection	Check if 'Motion Detection' mode is on Check if the 'MD Level' is set too low. Check if the 'MD Area' is set properly.
Inaccurate Color	Insure that 'White Balance' is set properly.

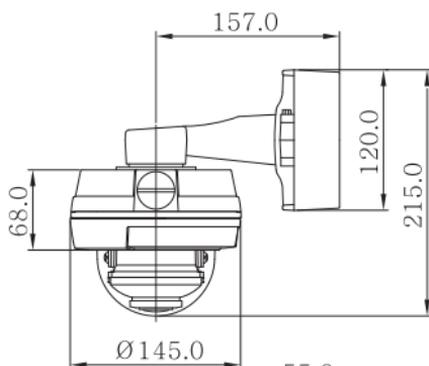
DIMENSIONS



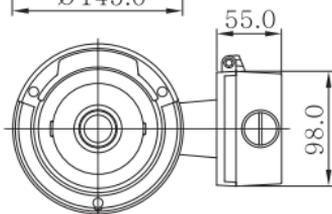
Ceiling Mount



Flush Mount



Wall Mount Bracket
(with Junction Box)



Units:mm

