





D/N VANDAL RES. VARI-FOCAL IR DOME CAMERA

PIH-0742X/0746X W/S

INSTRUCTION MANUAL

IMPORTANT SAFEGUARDS

	<p>CAUTION</p> <p>RISK OF ELECTRIC SHOCK DO NOT OPEN</p>	
<p>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.</p>		

GRAPHIC SYMBOL EXPLANATION

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the unit.



● INSTALLATION

1. Please use the enclosed screw driver to untighten the 4 tamper-proof screws on the dome cover.
2. Put the provided screws (M3.0 x 25, wooden screw) through the holes marked as "a", and fix the base in the desired location (FIG.1).

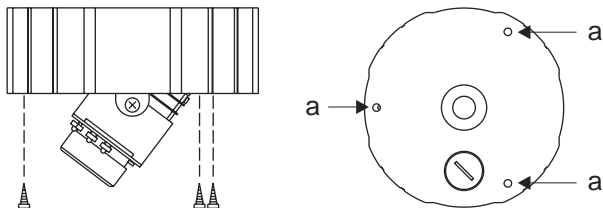


FIG. 1

3. Firstly, put video cable and power cable through a pipe (1/2" PT) at one end (FIG.2), and connect the cables to the terminal block on the PCB accordingly and then screw the pipe to the side hole (FIG.3, please make sure the connection between the pipe and the side hole is water-tight).
NOTE Pipe is not provided.

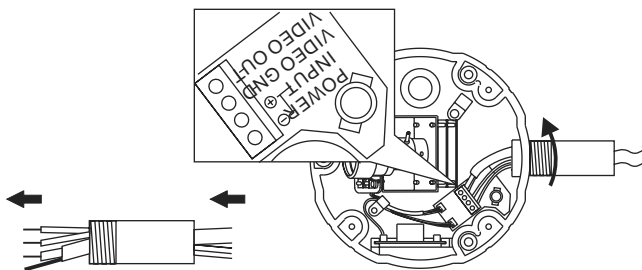


FIG. 2

FIG. 3

6. Adjust DC iris level by turning the iris level VR.

Please refer to FIG.4.

ATTENTION: Adjust this VR with care so as not to cause damage to the unit.

7. Put on the dome cover first. Then tighten the tamper-proof screws (FIG.6).

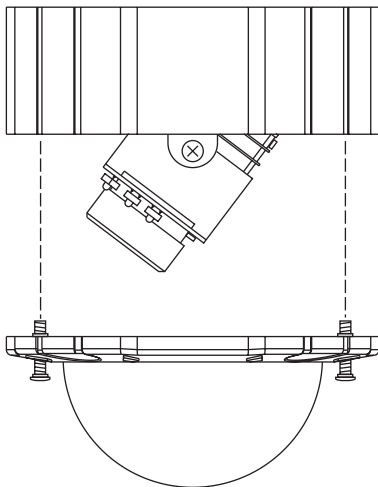
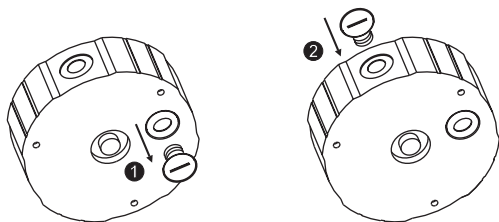


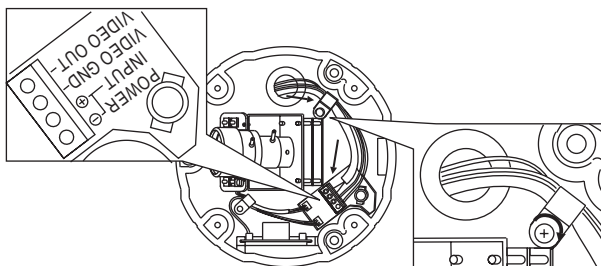
FIG. 6

● Alternative cabling positions

1. Untighten the hole plug on the bottom of the base and screw it to the side hole.



2. Put the video cable and power cable through the bottom hole and connect them to the terminal block on the PCB accordingly. Please refer to INSTALLATION Step3 for water-resistant installation.
3. Fix the cable with cable clamp.



● SPECIFICATIONS

D/N VANDAL RESISTANT VARI-FOCAL IR DOME CAMERA			
Model No.		PIH-0742XWN/P	PIH-0742XSN/P
Lens	Focal Length		2.9~10mm
	Iris		F1.2
	Angle of view	H	94.6° ~ 28.8°
		V	68.4° ~ 21.6°
D		125° ~ 36°	
Power Input Voltage		DC12V (±10%)	
System		NTSC or PAL	
Sync. Mode		Internal	
Pick Up Element		1/3" Super HAD CCD Sensor	
Effective Pixels		768(H) x 494(V) [NTSC] 752(H) x 582(V) [PAL]	
Chip Size		5.59mm (H) x 4.68mm (V)	
Horizontal & Vertical Sync. Frequency		15.734KHz / 59.94Hz [NTSC] 15.625KHz / 50Hz [PAL]	
Scanning System		2 : 1 Interlace	
Infrared Cut Filter		Auto Selectable Automatic Switch From Color Mode To Monochrome	
Resolution		Color: 540TV Lines, Mono: 600TV Lines	
Minimum Illumination		Color: 0.05Lux at F1.2, 0Lux with IR Mono: 0.01Lux at F1.2	
S/N Ratio		More Than 50dB (AGC OFF)	
Auto Gain Control		36dB Variable Gain	
White Balance		ATW	
Aperture Correction		Horizontal , Vertical	
Power Consumption		4.3W	
Back Light Compensation		Auto	
Video Output		CVBS 1.0Vp-p , 75ohm	
Operating Temperature		-10°C ~ +50°C (14°F ~ 122°F)	
Gamma Characteristic		$\gamma = 0.45$	
IP Rating		IP68	
Vandal Proof		Withstand a blow from a 10 lbs sledgehammer	
Infrared LED	Peak Wavelength		850 nm
	Beam Spread		30°
	Radiant Distance		21M
Dimension		Base : ϕ 136 x 55mm , Dome : ϕ 91.8	
Weight		1200g	

Design and specifications are subject to change without notice.

D/N VANDAL RESISTANT VARI-FOCAL IR DOME CAMERA			
Model No.		PIH-0746XWN/P	PIH-0746XSN/P
Lens	Focal Length		2.9~10mm
	Iris		F1.2
	Angle of view	H	94.6° ~ 28.8°
		V	68.4° ~ 21.6°
D		125° ~ 36°	
Power Input Voltage		DC12V (±10%) or AC24V (±10%)	
System		NTSC or PAL	
Sync. Mode		Internal	
Pick Up Element		1/3" Super HAD CCD Sensor	
Effective Pixels		768(H) x 494(V) [NTSC] 752(H) x 582(V) [PAL]	
Chip Size		5.59mm (H) x 4.68mm (V)	
Horizontal & Vertical Sync. Frequency		15.734KHz / 59.94Hz [NTSC] 15.625KHz / 50Hz [PAL]	
Scanning System		2 : 1 Interlace	
Infrared Cut Filter		Auto Selectable Automatic Switch From Color Mode To Monochrome	
Resolution		Color: 540TV Lines, Mono: 600TV Lines	
Minimum Illumination		Color: 0.05Lux at F1.2, 0Lux with IR Mono: 0.01Lux at F1.2	
S/N Ratio		More Than 50dB (AGC OFF)	
Auto Gain Control		36dB Variable Gain	
White Balance		ATW	
Aperture Correction		Horizontal , Vertical	
Power Consumption		6.2W (DC12V) , 4.5W (AC24V)	
Back Light Compensation		Auto	
Video Output		CVBS 1.0Vp-p , 75ohm	
Operating Temperature		-10°C ~ +50°C (14°F ~ 122°F)	
Gamma Characteristic		$\gamma = 0.45$	
IP Rating		IP68	
Vandal Proof		Withstand a blow from a 10 lbs sledgehammer	
Infrared LED	Peak Wavelength		850 nm
	Beam Spread		30°
	Radiant Distance		21M
Dimension		Base : ϕ 136 x 55mm , Dome : ϕ 91.8	
Weight		1200g	

Design and specifications are subject to change without notice.

66-074CSE-3



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