





PIH-702X/702XH

COLOR VARI-FOCAL DOME CAMERA

INSTRUCTION MANUAL



IMPORTANT SAFEGUARDS

	<table border="1"><tr><td>CAUTION</td></tr><tr><td>RISK OF ELECTRIC SHOCK DO NOT OPEN</td></tr></table>	CAUTION	RISK OF ELECTRIC SHOCK DO NOT OPEN	
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RISK OF ELECTRIC SHOCK DO NOT OPEN				
<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

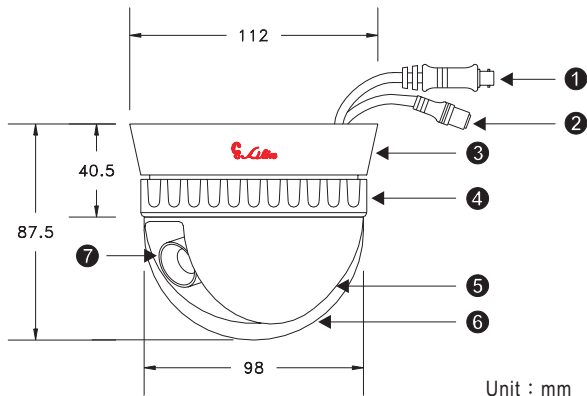
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



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.



● PART DESCRIPTION & DIMENSION



Unit : mm

- ① VIDEO OUTPUT JACK
- ② DC POWER INPUT (DC12V \pm 10%) JACK
- ③ BASE
- ④ FIX RING
- ⑤ INSIDE COVER
- ⑥ DOME COVER
- ⑦ LENS

● INSTALLATION

1. Put the given screws (M3.0 x 25, wooden screw) through "a", and fix the base in the proper location (FIG.1).
2. Make sure the lens is aiming in the proper location (PAN-Bracket can be rotated left or right. TILT-Loose two screws on each sides of the camera case, adjust it to the right angle. Tighten the two screws after the adjustment.). Adjust the focus and zoom.
3. Adjust DC iris level by turning the iris level VR.
Please refer to FIG.2.
ATTENTION: Adjust this VR with care so as not to cause damage to the unit.
4. Put on the inside cover first, and followed by put on the dome cover. Then tighten the fix ring(FIG.3).

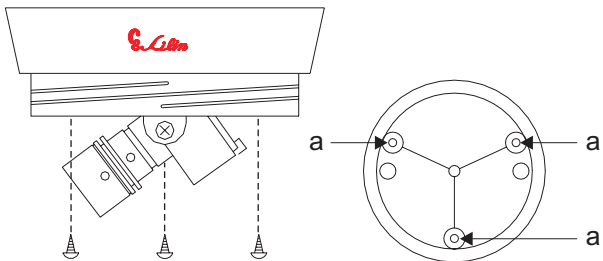


FIG. 1

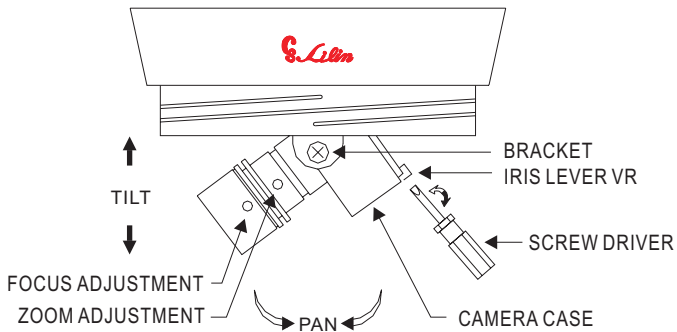


FIG. 2

NOTE : Point each "b" to each "c".

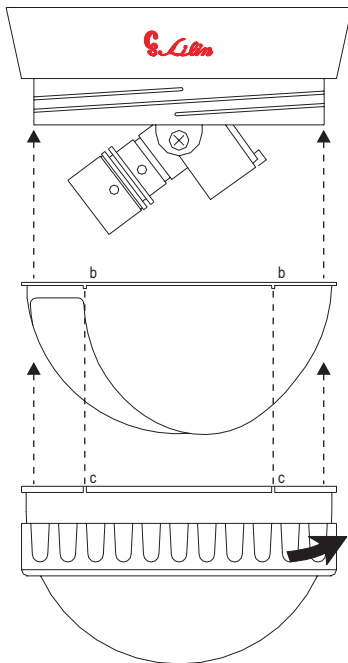


FIG. 3

COLOR DOME CAMERA

Model No.		PIH-702X	PIH-702XH
Lens	Focal Length	4.0~9.0mm (manual)	
	Zoom	Manual	
	Iris	F1.6 ~ F360 (Auto)	
	Angular Diagonal	93 ~ 39°	
	Driver	DC	
Effective Pixels	510(H) x 492(V) [NTSC] 500(H) x 582(V) [PAL]	768(H) x 494(V) [NTSC] 752(H) x 582(V) [PAL]	
Power Input Voltage	DC12V		
System	NTSC or PAL		
Sync. Mode	Internal		
Pick Up Element	1/3" Exview HAD CCD		
Chip Size	6.00mm (H) x 4.69mm (V)		
Horizontal & Vertical Sync. Frequency	15.734KHz / 60Hz [NTSC] 15.625KHz / 50Hz [PAL]		
Scanning System	2 : 1 Interlace		
Resolution	380TV Lines	480TV Lines	
Minimum Illumination	0.01Lux (F1.2)	0.1Lux (F1.2)	
S/N Ratio	More Than 50dB (AGC OFF)		
Auto Gain Control	On:38dB , Off:8dB		
White Balance	ATW,Push,Hold,Indoor Fixed Value,User, Outdoor Fixed Value,Fluorescent Light Fixed Value		
Aperture Correction	Horizontal , Vertical		
Power Consumption	2.6W		
Shutter	(Auto or Off)1/60(1/50)S ~ 1/100,000sec.		
Video Output	CVBS 1.0Vp-p , 75ohm		
Operating Temperature	-10°C ~ +50°C (14°F ~ 122°F)		
Gamma Characteristic	$\gamma = 0.45$		
Dimension	Dome: ϕ 98mm , Base & Fix Ring: ϕ 112 x 40.5mm		
Weight	260g		

Design and specifications are subject to change without notice.

● Camera Function Switch



Switch 1. Setting	Auto Gain Control Value
	32dB Variable Gain
	8dB Variable Gain

Table 1.








Switch 2.3.4. Setting	Mode	Set Color Temperature (K)
	ATW	approximately 2500 ~ 9500
	Push	approximately 2500 ~ 9500
	Hold	approximately 2500 ~ 9500
	Indoor Fixed Value	approximately 3200
	Fluorescent Light Fixed Value	approximately 4200
	User	approximately 4700
	Outdoor Fixed Value	approximately 6300

Table 2.

● Camera Function Switch Description

◎ **ATW**

ATW is the Auto Trace White Balance mode that automatically aligns the white balance, as the color temperature is 2500K ~ 9500K

◎ **Push**

Push mode is performed at a faster operating speed than ATW without an operation frame, as the color temperature is 2500K ~ 9500K

◎ **Hold**

Convergence operation is stopped when shifting to Hold mode, as the color temperature is 2500K ~ 9500K

◎ **Indoor Fixed Value**

Indoor Fixed Value should be set as color temperature 3200K

◎ **Fluorescent Light Fixed Value**

Fluorescent Light Fixed Value mode should be set as color temperature 4200K

◎ **User**

User mode should be set as color temperature 4700K

◎ **Outdoor Fixed Value**

Outdoor Fixed mode should be set as color temperature 6300K

DISTRIBUTOR:

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