





INFRARED COLOR DOME CAMERA

PIH-0422/0442 N/P

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

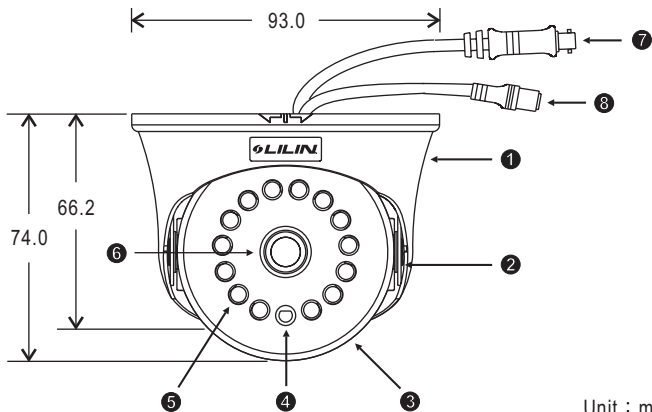
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



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.



● PART DESCRIPTION & DIMENSION



Unit : mm

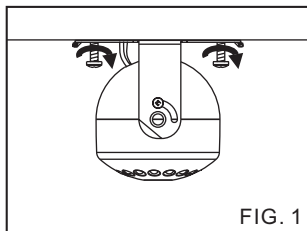
- | | |
|----------------|--------------------------------------|
| ① COVER | ⑤ INFRARED LED |
| ② BRACKET | ⑥ LENS |
| ③ CAMERA | ⑦ VIDEO OUTPUT JACK |
| ④ LIGHT SENSOR | ⑧ DC POWER INPUT
(DC12V±10%) JACK |

● FEATURES

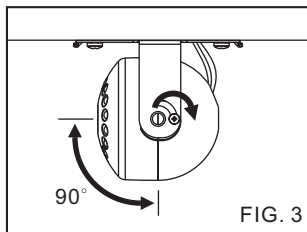
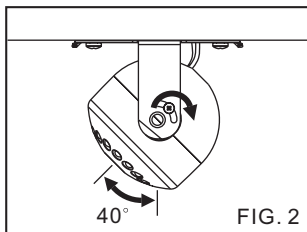
1. Attached installation.
2. Adopts "special OLPF" no focus shift.
3. High efficiency infrared LED, radiant distance - 16meters.
4. Sensor auto activate infrared LED under 10lux light level.
5. Monochrome image at night, no color noise.
6. Under infrared illuminating, based on the distance between object and camera, the shutter speed will be controlled by the camera inner circuit automatically to avoid illuminated object being exposed ensuring best picture quality.
7. Aluminum housing case.
8. High sensitivity sensor, excellent picture quality.
9. Choices of 3.6mm or 6.0mm lens.

● INSTALLATION

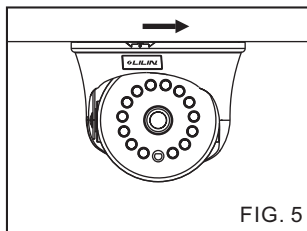
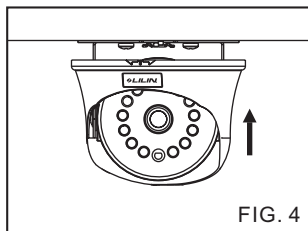
1. Take out the camera first, which is connected with the bracket, and turn the lens downward. Fix the bracket on the desired place with supplied screws (M4.0x25, wooden screw) (FIG. 1).



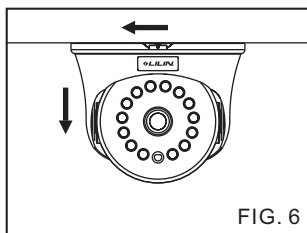
2. Adjust the camera to the desired angle (should be between 40° to 90° , otherwise the cover will be difficult to replace), and then tighten two screws on both side of the camera (FIG. 2 & FIG. 3).



3. Take out the cover. Align the mark on the cover with the hinge of the bracket (FIG. 4) and turn right to twist lock properly (FIG. 5).



4. To take off the cover, turn the cover left to unlock (FIG. 6).



● SPECIFICATIONS

INFRARED COLOR DOME CAMERA						
Model No.		PIH-0422□3.6	PIH-0422□6	PIH-0442□4.3	PIH-0442□6	
Lens	Focal Length		3.6mm	6.0mm	4.3mm	6.0mm
	Iris		F2.0	F1.8	F2.0	F1.8
	Angle of view	H	73°	44.5°	62.4°	44.5°
		V	54.5°	33.1°	46.8°	33.1°
D		92°	56°	78°	56°	
Power Input Voltage			DC12V (±10%)			
System			NTSC or PAL			
Sync. Mode			Internal			
Pick Up Element			1/3" Super HAD CCD Sensor			
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]	
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			
Resolution			380TV Lines		480TV Lines	
Minimum Illumination			0.2Lux(F1.8), 0Lux(IR ON)		0.5Lux(F1.8), 0Lux(IR ON)	
S/N Ratio			More Than 50dB (AGC OFF)			
Auto Gain Control			36dB Variable Gain			
White Balance			ATW			
Aperture Correction			Horizontal , Vertical			
Power Consumption			3.0W			
Shutter			1/60(1/50)S ~ 1/100,000S(Auto)			
Back Light Compensation			Auto			
Video Output			CVBS 1.0Vp-p , 75ohm			
Gamma Characteristic			$\gamma = 0.45$			
Infrared LED	Peak Wavelength		850nm			
	Beam Spread		30°			
	Radiant Distance		16M			
Operating Temperature			-10°C ~ +50°C (14°F ~ 122°F)			
Dimension			ϕ 93 x 74mm (L)			
Weight			230g			

* To use this camera with third party's AC adaptor, please make sure that the adaptor contains built-in DC regulator. An AC adaptor without built-in DC regulator can damage this camera.

* Design and specifications are subject to change without notice.



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