



# PIH 0012 / 0042

Camera Series

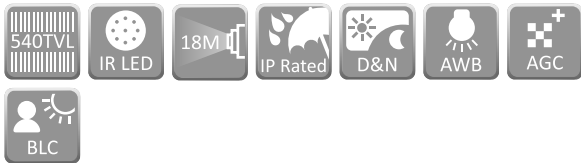
IR Camera

## 18M IR Camera



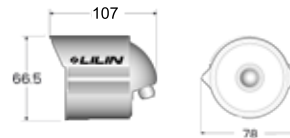
### Features

- Adopt "Special Optical Low Pass Filter"
- High Efficiency IR LED: Radiant Distance 18M
- Automatically Activates LED: Below 10 Lux
- Aluminum Housing with IP 68 Rating
- Unique Front Glass Design Separates Lens from IR LEDs
- High Sensitivity Sensor, Excellent Picture Quality
- Optional 3.6, 4.3, & 6.0mm Lens



Dimensions 78mm (W) x 66.5mm (H) x 107mm (D)

(Unit:mm)



### Weatherproof IR Camera

Name		<b>18M IR Camera</b>						
Series Number		<b>PIH-0012 / 0042</b>						
Type		Standard Resolution			Super High Resolution			
Model	NTSC	PIH-0012N6	PIH-0012N4.3	PIH-0012N3.6	PIH-0042N6	PIH-0042N4.3	PIH-0042N3.6	
	PAL	PIH-0012P6	PIH-0012P4.3	PIH-0012P3.6	PIH-0042P6	PIH-0042P4.3	PIH-0042P3.6	
Lens	Focal Length	6.0 mm	4.3 mm	3.6 mm	6.0 mm	4.3 mm	3.6 mm	
	Iris	F1.8	F2.0		F1.8	F2.0		
	Angle of View	H	44.5°	62.4°	73°	44.5°	62.4°	73°
		V	33.1°	46.8°	54.5°	33.1°	46.8°	54.5°
D		56°	78°	92°	56°	78°	92°	
Power Supply		DC12V±10%						
Image Pick-up Device		Sony 1/3" Super HAD CCD Sensor						
Effective Pixels	NTSC	510 (H) x 492 (V)			768 (H) x 494 (V)			
	PAL	500 (H) x 582 (V)			752 (H) x 582 (V)			
Chip Size		5.59mm(H) x 4.68mm(V)						
H/V Sync. Frequency	NTSC	15.734KHz / 59.94Hz						
	PAL	15.625KHz / 50Hz						
Scanning System		2:1 Interlace						
Sync. Mode		Internal						
Resolution		420 TV Lines			540TV Lines			
Minimum Illumination		0.2 Lux / F1.8 ( 0 Lux with IR On )			0.5 Lux / F1.8 ( 0 Lux with IR On )			
S/N Ratio		More than 50dB (AGC Off)						
Auto Gain Control		36dB Variable Gain						
White Balance		ATW						
Aperture Gain Correction		Horizontal , Vertical						
Electronic Shutter		1/60S(1/50)S~ 1/100,000S (Auto)						
Back Light Compensation		Auto						
Video Output		CVBS 1.0Vp-p/75Ω BNC						
Gamma Characteristic		γ=0.45						
Power Consumption		4.8W						
Window		Φ59 Heat Resistant Glass						
Infrared LED	Peak Wavelength	850nm						
	Radiant Distance	18M						
	Beam Spread	30°						
IP Rating		IP 68						
Operating Temperature		-35°C~+50°C (-31°F~122°F)						
Dimension		78mm (W) x 66.5mm (H) x 107mm (D)						
Weight		330g						