



PIH 012 / 014

Camera Series
IR Camera

Ultrahigh Sensitivity 40M IR Camera

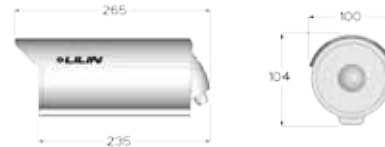


Features

- High Efficiency Jack IR LED with 0.25W Output Power : Radiant Distance 40M
- Indoor / Outdoor applications
- Adopts "Special Optical Low Pass Filter"
- Aluminum PCB for fast heat dissipation
- Automatically activates LED, when light drops below 10 Lux
- Aluminum housing with IP66 rating
- Unique Front Glass Design Separates Lens from IR LEDs
- Choice of 6, 8, 12 and 16mm lenses
- Optional Heater: On < 15°C (59°F) / Off >25°C(77°F)
- Operating Temp: -30°C → + 50°C(-22°F→+122°F)



Dimensions $\Phi 100 \times 235$ mm



(Unit:mm)

Weatherproof IR Camera

Name		Ultrahigh Sensitivity 40M IR Camera												
Series Number		PIH- 012/014												
Type		Standard Resolution						Super High Resolution						
Model	NTSC	PIH-0124N6	PIH-0128N6	PIH-0124N8	PIH-0128N8	PIH-0128N12	PIH-0128N16	PIH-0144N6	PIH-0148N6	PIH-0144N8	PIH-0148N8	PIH-0148N12	PIH-0148N16	
	PAL	PIH-0124P6	PIH-0128P6	PIH-0124P8	PIH-0128P8	PIH-0128P12	PIH-0128P16	PIH-0144P6	PIH-0148P6	PIH-0144P8	PIH-0148P8	PIH-0148P12	PIH-0148P16	
Lens	Focal Length	6.0 mm		8.0 mm		12.0 mm	16.0 mm	6.0 mm		8.0 mm		12.0 mm	16.0 mm	
	Iris	F1.8		F2.0		F2.0	F2.0	F1.8		F2.0		F2.0	F2.0	
	Angle of View	H	44.5°		32°		22.4°	16°	44.5°		32°		22.4°	16°
		V	33.1°		24°		16.8°	12°	33.1°		24°		16.8°	12°
D	56°		40°		28°	20°	56°		40°		28°	20°		
Power Supply		AC24V±10%	AC 90V~260V	AC24V±10%	AC 90V ~260V max.			AC24V±10%	AC 90V~260V	AC24V±10%	AC 90V ~260V max.			
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		0.01 Lux / F1.8(0 Lux With IR On)						0.05 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		1/60(1/50)S ~ 1/100,000S (Auto)												
Back Light Compensation		Auto												
Video Output		CVBS 1.0Vp-p/75Ω BNC												
Gamma Characteristic		$\gamma=0.45$												
Power Consumption		10W												
Window		$\Phi 88$ Heat Resistant Glass												
Infrared LED	Peak Wavelength	850nm												
	Radiant Distance	25M	30M	35M	40M	25M	30M	35M	40M					
Beam Spread	20°													
IP Rating		IP 66												
Operating Temperature		-35°C~+50°C (-31°F~122°F)												
Dimension		$\Phi 100 \times 235$ mm												
Weight		1500g												