

# PIH-022/024

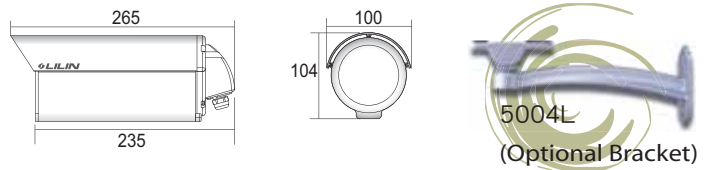
- High Efficiency Jack IR LED with 0.25W Output Power: Radiant Distance 35M
- Indoor / Outdoor Applications
- Adopt "Special Optical Low Pass Filter"
- Aluminum PCB for Fast Heat Dissipation
- Automatically Activates LED: Below 10 Lux
- Aluminum Housing with IP 66 Rating
- Unique Front Glass Design Separates Lens from IR LEDs
- Optional 6, 8, 12 & 16mm Lens
- Optional Heater:  
Heater Activation : On <15°C(59°F)  
Off >25°C(77°F)
- Operating Temp.: -30°C~+50°C  
(-22°F~+122°F)



## High Sensitivity 35M IR Camera



### Dimension Unit : mm



### Specifications

Model	NTSC	PIH-0224N8	PIH-0227N8	PIH-0224N6	PIH-0227N6	PIH-0244N8	PIH-0247N8	PIH-0244N6	PIH-0247N6	
	PAL	PIH-0224P8	PIH-0223P8	PIH-0224P6	PIH-0223P6	PIH-0244P8	PIH-0243P8	PIH-0244P6	PIH-0243P6	
Power Input Voltage		AC 24V ±10%	AC 117V	AC 24V ±10%	AC 117V	AC 24V ±10%	AC 117V	AC 24V ±10%	AC 117V	
		AC 24V ±10%	AC 230V	AC 24V ±10%	AC 230V	AC 24V ±10%	AC 230V	AC 24V ±10%	AC 230V	
Lens	Focal Length	8.0mm		6.0mm		8.0mm		6.0mm		
	Iris	F2.0		F1.8		F2.0		F1.8		
	Angle of View	H	32°		44.5°		32°		44.5°	
		V	24°		33.1°		24°		33.1°	
	D	40°		56°		40°		56°		
Pick Up Element	Sony 1/3" Super HAD CCD Sensor									
Effective	NTSC	510(H) x 492(V)				768(H) x 494(V)				
Pixels	PAL	500(H) x 582(V)				752(H) x 582(V)				
Chip Size	5.59mm(H) x 4.68mm(V)									
H / V Sync.	NTSC	15.734KHz / 59.94Hz								
Frequency	PAL	15.625KHz / 50Hz								
Sync. Mode	Internal									
Scanning System	2 : 1 Interlace									
Resolution	380 TV Lines				480 TV Lines					
Min. Illumination	0.2 Lux / F1.8				0.5 Lux / F1.8					
	0 Lux with IR On				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	CVBS1.0Vp-p, 75Ω									
Gamma Characteristic	γ = 0.45									
Power Consumption	10W									
IP Rating	IP 66									
Window	Φ 88 Heat Resistant Glass									
Infrared LED	Peak Wavelength	850nm								
	Beam Spread	20°								
	Radiant Distance	25M (f=6mm) / 27M (f=8mm) / 30M (f=12mm) / 35M (f=16mm)								
Operating Temperature	-10°C ~ +50°C (14°F ~ 122°F)									
Dimension	Φ100 x 235mm									
Weight	1500g									