



PIH 042 / 044

Mini Dome IR Camera



Features

- Avoid IR Reflection to Provide Perfect Video
- Adopt "Special Optical Low Pass filter"
- High Efficiency IR LED: Radiant Distance 16M
- Automatically Activates LED: Below 10 Lux
- High Sensitivity Sensor, Excellent Picture Quality
- Optional 3.6, 4.3, 6.0, & 8.0mm Lens



Dimensions $\Phi 93 \times 74$ mm

(Unit:mm)



IR Camera						
Name		Mini Dome IR Camera				
Series Number		PIH-042/044				
Type		Standard Resolution		Super High Resolution		
Model	NTSC	PIH-0422N6	PIH-0422N3.6	PIH-0442N6	PIH-0442N4.3	
	PAL	PIH-0422P6	PIH-0422P3.6	PIH-0442P6	PIH-0442P4.3	
Lens	Focal Length		6.0 mm	3.6 mm	6.0 mm	4.3 mm
	Iris		F1.8	F2.0	F1.8	F2.0
	Angle of View	H	44.5°	73°	44.5°	62.4°
		V	33.1°	54.5°	33.1°	46.8°
D		56°	92°	56°	78°	
Power Supply		DC12V \pm 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		
Min. 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		1/60(1/50)S ~ 1/100,000S (Auto)				
Back Light Compensation		Auto				
Video Output		CVBS 1.0Vp-p / 75 Ω BNC				
Gamma Characteristic		$\gamma=0.45$				
Power Consumption		3W				
Infrared LED	Peak Wavelength	850nm				
	Beam Spread	30°				
	Radiant Distance	16M				
Operating Temperature		-10°C ~ + 50°C (14°F ~122°F)				
Dimension		$\Phi 93 \times 74$ mm				
Weight		230g				