



## HIGH RES. INFRARED COLOR CAMERA

PIH-0644/0648 N/P

## FEATURES :

1. Outdoor installation.
2. Adopts "special OLPF" no focus shift.
3. High efficiency infrared LED, radiant distance - 30 meters.
4. Sensor auto activate infrared LED under 10lux light level.
5. Monochrome image at night, no color noise.
6. Aluminum housing case with IP66 rating.
7. High sensitivity sensor, excellent picture quality.
8. Choices of 4.3mm or 6.0mm or 8.0mm or 12.0mm or 16.0mm lens.

### HIGH RESOLUTION INFRARED COLOR CAMERA

Model No.		PIH-0648P4.3 PIH-0648N4.3	PIH-0648P6 PIH-0648N6	PIH-0648P8 PIH-0648N8	PIH-0648P12 PIH-0648N12	PIH-0648P16 PIH-0648N16	PIH-0644P4.3 PIH-0644N4.3	PIH-0644P6 PIH-0644N6	PIH-0644P8 PIH-0644N8	PIH-0644P12 PIH-0644N12	PIH-0644P16 PIH-0644N16	
Lens	Focal Length	4.3mm	6.0mm	8.0mm	12.0mm	16mm	4.3mm	6.0mm	8.0mm	12.0mm	16mm	
	Iris	F2.0	F1.8	F2.0	F2.0	F2.0	F2.0	F1.8	F2.0	F2.0	F2.0	
	Angle of View	H	62.4°	44.5°	32°	22.4°	16°	62.4°	44.5°	32°	22.4°	16°
		V	46.8°	33.1°	24°	16.8°	12°	46.8°	33.1°	24°	16.8°	12°
	D	78°	56°	40°	28°	20°	78°	56°	40°	28°	20°	
Power Input Voltage		AC90~260V					AC24V (±10%)					
System		NTSC or PAL										
Sync. Mode		Internal										
Pick Up Element		1/3" Super HAD CCD Sensor										
Effective Pixels		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		480TV Lines										
Minimum Illumination		0.5 Lux (F1.8) ; 0 Lux (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		10W										
Shutter		1/60(1/50) ~ 100,000sec. (Auto)										
Back Light Compensation		Auto										
Video Output		CVBS 1.0Vp-p, 75ohm										
Gamma Characteristic		$\gamma = 0.45$										
IP Rating		IP66										
Infrared LED	Peak Wavelength	850nm										
	Beam Spread	30°										
	Radiant Distance	30M										
Operating Temperature		-10°C ~ +50°C (14 F ~ 122 F)										
Dimension		$\phi$ 100 x 185mm										
Weight		1180g										



- \* 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.
- \* Any attempt to disassemble the camera may hamper the waterproof ability of the camera.
- \* Design and specifications are subject to change without notice.