



**ULTRAHIGH SENS. IR CAMERA**  
**PIH-012/014 Series**

## FEATURES :

1. Outdoor installation.
2. Adopts "special OLPF" no focus shift.
3. High efficiency infrared LED, radiant distance- 25 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. Ultrahigh sensitivity sensor, excellent picture quality.
8. Choices of 6.0mm or 8.0mm or 12.0mm or 16.0mm lens.

		INFRARED CAMERA								HIGH RESOLUTION INFRARED CAMERA								
Model No.		PIH-0128□6	PIH-0128□8	PIH-0128□12	PIH-0128□16	PIH-0124□6	PIH-0124□8	PIH-0124□12	PIH-0124□16	PIH-0148□6	PIH-0148□8	PIH-0148□12	PIH-0148□16	PIH-0144□6	PIH-0144□8	PIH-0144□12	PIH-0144□16	
Lens	Focal Length	6.0mm	8.0mm	12.0mm	16mm	6.0mm	8.0mm	12.0mm	16.0mm	6.0mm	8.0mm	12.0mm	16mm	6.0mm	8.0mm	12.0mm	16.0mm	
	Iris	F1.8	F2.0	F2.0	F2.0	F1.8	F2.0	F2.0	F2.0	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°	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°	33.1°	24°	16.8°	12°	33.1°	24°	16.8°	12°
	D	56°	40°	28°	20°	56°	40°	28°	20°	56°	40°	28°	20°	56°	40°	28°	20°	
Power Input Voltage		AC90~260V				AC24V (±10%)				AC90~260V				AC24V (±10%)				
System										NTSC or PAL								
Sync. Mode		Internal																
Pick Up Element										1/3" Super HAD CCD Sensor								
Effective Pixels		510(H) x 492(V) [NTSC] ; 500(H) x 582(V) [PAL]								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		380TV Lines								540TV Lines								
Minimum Illumination		0.01 Lux (F1.8) ; 0 Lux (IR ON)								0.05 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	20°																
	Radiant Distance	25M(f=6mm) , 30M(f=8mm) , 35M(f=12mm) , 40M(f=16mm)																
Operating Temperature		-10°C ~ +50°C (14°F ~ 122°F)																
Dimension		φ 100 x 235mm																
Weight		1500g																

Design and specifications are subject to change without notice.

**\* Any attempt to disassemble the camera may hamper the waterproof ability of the camera.**

66-012CSE-9

