



PIH-0143N8/P8 PIH-0143N6/P6 **PIH-0144N8/P8 PIH-0144N6/P6** **PIH-0147N8/P8 PIH-0147N6/P6**

- Indoor / Outdoor applications
- Adopts "Special Optical Low Pass Filter" no day & night focus shift
- Aluminum PCB for fast heat dissipation
- High efficiency jack IR LED with 0.25W output power; radiant distance 25m+
- Automatically activates LED, when light drops below 20 lux
- Aluminum housing with IP65 rating
- Choice of 6, 8, 12 and 16mm lenses

Ultrahigh Sensitivity
25m+IR Camera

ExView
CCD

DAY
&
NIGHT

IR LED

IP
Rated

AWB

AGC

BLC

Model No.		NTSC	PIH-0143N8		PIH-0144N8		PIH-0147N8		PIH-0143N6		PIH-0144N6		PIH-0147N6		
		PAL	PIH-0143P8		PIH-0144P8		PIH-0147P8		PIH-0143P6		PIH-0144P6		PIH-0147P6		
Lens		Focal Length	8.0mm						6.0mm						
		Iris	F2.0						F1.8						
		Angle of View	H	32°						44.5°					
			V	24°						33.1°					
			D	40°						56°					
Power Input Voltage			AC230V		AC24V		AC 117V		AC230V		AC24V		AC 117V		
Sync. Mode			Internal												
Pick Up Element			1/3" Exview HAD CCD Sensor												
Effective Pixels		NTSC	768(H) x 494(V)												
		PAL	752(H) x 582(V)												
Chip Size			6.00mm(H) x 4.96mm(V)												
H / V Sync. Frequency		NTSC	15.734KHz / 59.94Hz												
		PAL	15.625KHz / 50Hz												
Scanning System			2:1 Interlace												
Resolution			480TV Lines												
Min. Illumination			0.05Lux at 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 Correction			Horizontal , Vertical												
Power Consumption			10W												
Shutter			1/60(1/50)S ~ 1/100,000 S (Auto)												
Back Light Compensation			Auto												
Video Output			CVBS1.0Vp-p , 75 Ohm												
Gamma Characteristic			γ =0.45												
IP Rating			IP 65												
Window			φ88 Heat Resistant Glass												
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℃ ~ +50℃ (14°F ~ 122°F)												
Dimension			φ100 x 235mm												
Weight			1500g												