



INFRARED COLOR CAMERA

PIH-0522/0542 N/P



MERIT LILIN ENT. CO., LTD
<http://www.meritlilin.com>

66-052CSE

INSTRUCTION MANUAL

FEATURES :

1. Indoor/Outdoor installation.
2. Adopts "special OLPF" no focus shift.
3. High efficiency infrared LED, radiant distance - 21 meters.
4. Sensor auto activate infrared LED under 10lux light level.

5. Monochrome image at night, no color noise.
6. Aluminum housing case with IP68 rating.
7. High sensitivity sensor(Standard resolution and High resolution), excellent picture quality.
8. Choices of 3.6mm or 6.0mm or 8.0mm lens.

Model No.		PIH-0522 □ 3.6	PIH-0522 □ 6	PIH-0522 □ 8	PIH-0542 □ 3.6	PIH-0542 □ 6	PIH-0542 □ 8	
Lens	Focal Length	3.6mm	6.0mm	8.0mm	3.6mm	6.0mm	8.0mm	
	Iris	F2.0	F1.8	F2.0	F2.0	F1.8	F2.0	
	Angle of View	H	73°	44.5°	32°	73°	44.5°	32°
		V	54.5°	33.1°	24°	54.5°	33.1°	24°
	D	92°	56°	40°	92°	56°	40°	
Power Input Voltage				DC12V (±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				15.734KHz / 59.94Hz [NTSC]				
Sync. Frequency				15.625KHz / 50Hz [PAL]				
Scanning System				2 : 1 Interlace				
Resolution		380TV Lines			480TV Lines			
Minimum Illumination		0.2 Lux (F1.8) 0 Lux (IR ON)			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				4.3W				
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				IP68				
Infrared LED	Peak Wavelength	850nm						
	Beam Spread	30°						
	Radiant Distance	21M						
Operating Temperature				-10°C ~ +50°C (14°F ~ 122°F)				
Dimension				φ 84 x 105mm				
Weight				500g				



- * 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.