

**LIS48Z****Features**

Weatherproof Vari-Focal IR Camera

SONY/SHARP Color CCD

IR LED:  $\phi$ 5X48PCS, IR Distance: 40M

Water Resistance : IP66

Auto White Balance(AWB)

Lens: 6-15mm Manual Zoom Manual Iris Lens

Dimension :122(W) x 83(H) x 83(D)mm

**Specifications**

Model	LIS48ZSHQ	LIS48ZSH	LIS48ZS	LIS48ZSF	LIS48ZH	LIS48ZHF
Image Sensor	1/3"SONY	1/3"SONY	1/3"SONY	1/4"SONY	1/3"SHARP	1/4"SHARP
Horizontal Resolution	520 TV Line	480 TV Line	420 TV Line			
Pixels	PAL:795 (H)× 596(V) NTSC :811 (H) ×508 (V)	PAL:752(H)×582(V) NTSC:768(H)×494(V)	PAL:500(H)×582(V) NTSC:510(H)×492(V)			
TV System	PAL/NTSC					
IR LED	$\phi$ 5 X 48 PCS					
IR Series Distance	40 M					
Lens	6-15mm Manual Zoom Manual Iris Lens					
Sync System	Internal					
IR Status	Under 10 Lux By CDS					
Usable Illumination	0 Lux/F2.0 (LED ON)					
IR Power On	CDS Auto Control					
S/N Ratio	$\geq$ 48dB (AGC OFF)					
Gamma Correction	0.45					
Video Out	Composite Signal (1.0Vp-p, 75 $\Omega$ )					
Scanning System	PAL:625 Lines, 50 Field/Sec;NTSC:525 Lines, 60 Field/Sec					
Electronic Shutter Time	Auto:PAL 1/50-1/100,000Sec;NTSC 1/60-1/100,000Sec					
Operation Temperature	-10 $^{\circ}$ C ~ +50 $^{\circ}$ C RH95% Max					
Storage Temperature	-20 $^{\circ}$ C ~ +60 $^{\circ}$ C RH95% Max					
White Balance	Auto					
Power Source	DC12V 450mA					
Dimension	186(W) x 101(H) x 95(D)mm					
Weight	1.3kg					