

## LIA90EHHD\_600TVL

Weatherproof IR Camera  
 SONY/SHARP Color CCD  
 IR LED:  $\varnothing$  5X72PCS , IR LED working Distance:60M  
 External lens adjusting, DC12V/AC24V double  
 voltage add  
 Lens: 2.8-12mm Manual Zoom Lens  
 Dimension:240(W)x186(H)x100(D)mm



Model	LIA90ESHP	LIA90ESHE	LIA90ESHR	LIA90ESHD	LIA90ESHV	LIA90EHHD	LIA90ESL
<b>Image Sensor</b>	1/3" SONY ICX673AK CCD	1/3" SONY ICX673AK CCD	1/3" SONY ICX639BK CCD	1/3" SONY ICX639BK CCD	600TVL, Low Color 1/3" SONY Illumination, SWDR, 2D/3D NR, Demist, SLR, Dual-core DSP	1/3" SHARP ICX639BK CCD	1/3" SONY ICX633BK CCD
<b>Horizontal Resolution</b>	SONY 700TVL, Low Illumination, SWDR, 2D/3D NR, Demist, SLR, Dual- core DSP	700TV Lines Low Illumination, Effio, ATR, OSD, DNR	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense -up	Color 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR	600TVL, Low Illumination, SWDR, 2D/3D NR, Demist, SLR, Dual-core DSP	Color 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR	420TV Lines Low Illumination
<b>Pixels</b>	ICX673AK+ AVS03A	ICX673AK+ Effio-e	ICX639BK+ RJ10	ICX639BK+ NVP2040	ICX639BK+ AVS03A	RJ2365CA+ NVP2040	ICX633BK+ CXD3142
<b>Pixels</b>	PAL:1020(H)x596(V), NTSC:1020(H)x508(V)		PAL: 795(H)x596(V), NTSC: 811(H)x508(V)	PAL:795(H)x596(V), NTSC:811(H)x508(V)		PAL: 752(H)x582(V), NTSC: 768(H)x494(V)	PAL: 500(H)x582(V) NTSC: 510(H)x492(V)
<b>TV System</b>				PAL/NTSC			
<b>IR Series Distance</b>				60M			
<b>IR LED</b>				$\varnothing$ 5X72PCS			
<b>Lens</b>				2.8-12mm Manual Zoom Lens (2M Pixels)			
<b>Sync System</b>				Internal			
<b>Usable Illumination</b>				0.001Lux/F2.0			0.0005Lux/F2.0
<b>S/N Ratio</b>	$\geq$ 65dB (AGC OFF)			$\geq$ 54dB (AGC OFF)			$\geq$ 48dB (AGC OFF)
<b>Gamma Correction</b>				0.45			
<b>Video Out</b>				Composite Signal (1.0Vp-p, 75 $\Omega$ )			
<b>Scanning System</b>				PAL:625 Lines, 50 Field/Sec;NTSC:525 Lines, 60 Field/Sec			
<b>Electronic Shutter Time</b>				Auto:PAL 1/50-1/100, 000Sec;NTSC 1/60-1/100, 000Sec			
<b>Operation Temperature</b>				-10 $^{\circ}$ C ~ +50 $^{\circ}$ C RH95% Max			

<b>Storage Temperature</b>	-20°C ~ +60°C RH95% Max
<b>White Balance</b>	Auto
<b>Power Source</b>	DC12V 550mA
<b>Dimension</b>	240(W)x186(H)x100(D)mm
<b>Weight</b>	1700g