



◆ SPECIFICATION

Model NO.	LIA90ESSV	LIA90ESSA	LIA90ESHE	LIA90ESH D	LIA90ESFS	LIA90ESFP	LIA90EHF	LIA90ESM
<b>Camera</b>								
CCD/CMOS	CCD				CMOS			
Image Sensor	ICX663AK	ICX811AK	ICX811AK	ICX639BK	IMX238	IMX238	HS1200	PC1099N
DSP	CXD4141GG	CXD4151GG	CXD4140AGG	NVP2090	FH8526	FH8520	FH8526	/
Horizontal Resolution	720TV Lines	720TV Lines	700TV Lines	650TV Lines	1200TV Lines	1000TV Lines	1200TVL	800TV Lines
Effective Pixels	976(H)×582(V)	976(H)×582(V)	976(H)×582(V)	752(H)×582(V)	1305(H)×1049(V)	1305(H)×1049(V)	1296(H)×964(v)	960(H)×480(V)
TV System	PAL/NTSC							
Electronic Shutter Time	Auto: PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec							
Sync System	Internal							
Usable Illumination	0.001Lux/F2.0	0.001Lux/F2.0	0.001Lux/F2.0	0.01Lux/F2.0	0.01Lux/F2.0	0.01Lux/F2.0	0.01Lux/F2.0	0.1Lux/F2.0
S/N Ratio	≥52dB	≥52dB	≥52dB	≥50dB	≥50dB	≥50dB	≥44dB	≥50dB
Gamma Correction	0.45							
Scanning System	PAL:625 Lines, 50 Field/Sec;NTSC:525 Lines, 60 Field/Sec							
Video Output	Composite Signal (1.0Vp-p, 75Ω)							
<b>Lens</b>								
Focus Length	2.8-12mm (6-22mm optional)							
Focus Control	Manual							
Lens Type	Manual							
Pixels	2M Pixels							
Auto Iris Support	NO							
<b>Night Vision</b>								
Infrared LED	∅ 5X72PCS							
Infrared Distance	60M							
IR Status	Under 10 Lux By CDS							
IR Power On	CDS Auto Control							
<b>Camera Features</b>								
Day/Night	Color/ B&W	Color/ B&W	Color/ B&W	Color/ B&W	Color/ B&W	Color/ B&W	Color/ B&W	Color/ B&W
OSD Menu Language	CN, EN, FR, DE, JP, ES, PT, RU	CN, EN, FR, DE, JP, ES, PT, RU	CN, EN, FR, DE, JP, ES, PT, RU	EN, CH(S), CH, SP, RU, JP, PO, GE, FR	NO	CN, EN, RU, IT	NO	NO
Defog	YES	YES	NO	NO	NO	NO	NO	NO
Sense-up	YES	YES	NO	NO	NO	NO	NO	NO
Smart-IR	NO	YES	YES	NO	NO	NO	NO	NO
Wide Dynamic Range	Real WDR	Super DWDR	DWDR	DWDR	NO	DWDR	NO	NO
Backlight Compensation	YES	YES	YES	YES	NO	YES	NO	NO
White Balance	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Gain Control	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Noise Reduction	3D NR	3D NR	2D NR	2D NR	2D NR	3D NR	2DNR	NO
Privacy Masking	YES	YES	YES	YES	NO	YES	NO	NO
Digital Zoom	YES	YES	NO	NO	NO	YES	NO	NO
Picture Adjustment	YES	YES	YES	YES	NO	YES	NO	NO
UTC Support	YES	YES	YES	NO	NO	YES	NO	YES
<b>General</b>								
Weatherproof Housing	YES, IP66							
Anti-cut Bracket	YES, 2-Axis							
Dual Voltage	YES							
IR Cut Filter	N O	YES	YES	NO	YES	YES	YES	YES
Heater	YES							
Operation Temperature	-10℃ ~ +50℃ RH95% Max							
Storage Temperature	-20℃ ~ +60℃ RH95% Max							
Power Source	DC12V±10%,1000mA							
Dimension	240(W) x186(H) x100(D)mm							
Weight	1.7Kg							