



◆ SPECIFICATION

Model NO.	LUGFM	LUGSM	LUGSHD	LUGSHE	LUGSSA	LUGSSV
Camera						
CCD/CMOS	CMOS			CCD		
Image Sensor	V8330	PC1099K	ICX639BK	ICX811AK	CXD4151GG	ICX663AK
DSP	FH8510	/	NVP2090	Effio-E	Effio-A	Effio-V
Horizontal Resolution	800TV Lines	800TV Lines	650TV Lines	700TV Lines	720TV Lines	720TV Lines
Effective Pixels	P/N:720(H)x576(V), 415KP	P/N:960(H)x480(V), 460KP	PAL: 752(H)x582(V), 440KP	PAL: 976(H)x582(V), 570KP NTSC: 976(H)x494(V), 480KP		
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	0.01Lux / F1.2	0.1Lux/F2.0	0.01Lux/F1.2	0.001Lux/F2.0		
S/N Ratio	≥50dB			≥52dB		
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)					
Lens						
Focus Length	3.6mm (4mm is optional)					
Focus Control	Fixed					
Lens Type	Fixed					
Pixels	2M Pixels					
Auto Iris Support	NO					
Camera Features						
Day/Night	Color/ B&W	Color/ B&W	Color/ B&W	Color/ B&W	Color/ B&W	Color/ B&W
OSD Menu Language	NO	EN, CH	EN, CH(S), CH, SP, RU, JP, PO, GE, FR	CN, EN, FR, DE, JP, ES, PT, RU	CN, EN, FR, DE, JP, ES, PT, RU	CN, EN, FR, DE, JP, ES, PT, RU
Defog	NO	NO	NO	NO	YES	YES
Sense-up	NO	NO	NO	NO	YES	YES
Smart-IR	NO	NO	NO	YES	NO	NO
Wide Dynamic Range	NO	NO	DWDR	DWDR	3D NR	Real WDR
Backlight Compensation	YES	YES	YES	YES	YES	YES
White Balance	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Gain Control	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Noise Reduction	NO	2D NR	2D NR	2D NR	3D NR	4D NR
Privacy Masking	NO	YES	YES	YES	YES	YES
Digital Zoom	NO	NO	NO	NO	YES	YES
Picture Adjustment	NO	YES	YES	YES	YES	YES
UTC Support	YES	YES	NO	YES	YES	YES
General						
Vandalproof Housing	NO					
Lens Angle Adjustment	NO					
Dual Voltage	NO					
IR Cut Filter	NO					
Heater	NO					
Operation Temperature	-10℃ ~ +50℃ RH95% Max					
Storage Temperature	-20℃ ~ +60℃ RH95% Max					
Power Source	DC12V±10%, 300mA					
Dimension	∅ 75 x 74(H) mm					
Weight	300g					