



SPECIFICATION

Model NO.	AVK40SP70	AVK40HP	AVK40S70	AVK40H70	AVK40B65	AVK40N70	AVK40S50	AVK40P80	AVK40P70
Camera									
Image Sensor	1/3" SONY ICX663AK CCD	1/3" SONY CMOS IMX138LQJ-C	1/3" SONY ICX811AK CCD	1/3" SHARP RJ2341 CCD	1/3" SONY ICX639BK CCD	1/3" NEXTCHIP NIS0231	1/3" SONY ICX633BK CCD	1/3" CMOS PC1099K	1/3" CMOS PC3089K
DSP	Effio-P (CXD4129GG)	FH8520	Enhanced "Effio-E" (CXD4140GG)	RJ-9H	RJ-9H	NVP2080	RJ-9H	/	/
Horizontal Resolution	700TV Lines	720P	700TV Lines	700TV Lines	650TV Lines	700TV Lines	500 TV Lines	800TV Lines	700TV Lines
Effective Pixels	PAL: 570KP, 976(H)×582(V) NTSC: 480KP, 976(H)×494(V)	P/N: 1.37MP, 1305(H)×1049(V)	PAL: 570KP, 976(H)×582(V) NTSC: 480KP, 976(H)×494(V)		PAL: 440KP, 752(H)×582(V) NTSC: 380KP, 768(H)×494(V)	PAL: 570KP, 976(H)×582(V) NTSC: 480KP, 976(H)×494(V)	PAL: 290KP, 500(H)×582(V) NTSC: 250KP, 510(H)×492(V)	P/N: 484KP, 976(H)×496(V)	P/N: 381KP, 756(H)×504(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/F1.2	0.01Lux/F1.2	0.001Lux/F1.2			0.1Lux/F2.0	0.0005Lux/F2.0	0.01Lux/F1.2	0.1Lux/F1.2
S/N Ratio	≥52dB	≥50dB	≥52dB			≥50dB	≥48dB	≥48dB	≥47dB
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	2.8-12mm (6-22mm optional)								
Focus Control	Manual								
Lens Type	Manual								
Pixels	2M Pixels								
Auto Iris Support	NO								
Night Vision									
Infrared LED	∅ 5X42PCS								
Infrared Distance	40M								
IR Status	Under 10 Lux By CDS								
IR Power On	CDS Auto Control								
Camera Features									
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	Color/ B&W
OSD Menu Language	CN, EN, FR, DE, JP, ES, PT, RU	CN, EN	CN, EN, FR, DE, JP, ES, PT, RU	NO	CN, EN, KR, JP, IT, RU, PT, ES, DE, FR	NO	NO	NO	NO
Wide Dynamic Range	WDR	DWDR	DWDR	NO	DWDR	NO	NO	NO	NO
Backlight Compensation	YES	YES	YES	NO	YES	NO	NO	NO	NO
White Balance	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Gain Control	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Noise Reduction	3D NR	3D NR	2D NR	NO	2D NR	NO	NO	NO	NO
Privacy Masking	YES	YES	YES	NO	YES	NO	NO	NO	NO
Digital Zoom	YES	YES	NO	NO	NO	NO	NO	NO	NO
Picture Adjustment	YES	YES	YES	NO	YES	NO	NO	NO	NO
UTC Support	YES	NO	YES	NO	NO	NO	NO	NO	NO
General									
Weatherproof Housing	YES, IP66								
Anti-cut Bracket	YES, Cable built-in Bracket								
Dual Voltage	NO								
IR Cut Filter	NO	YES	NO				YES		
Heater	YES								
Operation Temperature	-10℃ ~ +50℃ RH95% Max								
Storage Temperature	-20℃ ~ +60℃ RH95% Max								
Power Source	DC12V±10%, 1000mA								
Dimension	228(W)×97(H)×82(D)mm								
Weight	1.4Kg								