



SPECIFICATION

Model NO.	AVT20S70	AVT20H70	AVT20B65	AVT20N70	AVT20S50	AVT20P80	AVT20P70
Camera							
Image Sensor	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	Enhanced "Effio-E" (CXD4140GG)	RJ-9H	RJ-9H	NVP2080	RJ-9H	/	/
Horizontal Resolution	700TV Lines	700TV Lines	650TV Line	700TV Lines	500 TV Lines	800TV Lines	700TV Lines
Effective Pixels	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			0.1Lux/F2.0	0.0005Lux/F2.0	0.01Lux/F1.2	0.1Lux/F1.2
S/N Ratio	≥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	3.6mm (4/6/8/12/16mm optional)						
Focus Control	Fixed						
Lens Type	Fixed						
Pixels	2M Pixels						
Night Vision							
Infrared LED	Φ 5X24PCS						
Infrared Distance	20M						
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
OSD Menu Language	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	DWDR	NO	DWDR	NO	NO	NO	NO
Backlight Compensation	YES	NO	YES	NO	NO	NO	NO
White Balance	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Gain Control	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Noise Reduction	2D NR	NO	2D NR	NO	NO	NO	NO
Privacy Masking	YES	NO	YES	NO	NO	NO	NO
Digital Zoom	NO	NO	NO	NO	NO	NO	NO
Picture Adjustment	YES	NO	YES	NO	NO	NO	NO
UTC Support	YES	NO	NO	NO	NO	NO	NO
General							
Weatherproof Housing	YES						
Anti-cut Bracket	YES, Cable built-in Bracket						
Dual Voltage	NO						
IR Cut Filter	NO					YES	
Heater	NO						
Operation Temperature	-10°C ~ +50°C RH95% Max						
Storage Temperature	-20°C ~ +60°C RH95% Max						
Power Source	DC12V±10%, 500mA						
Dimension	168(W) x73.5(H) x65(D)mm						
Weight	500g						