

SPECIFICATIONS

Model		WAT-221S2(NTSC)	WAT-221S2(PAL)
Pick-up element		1/2 inch interline transfer CCD image sensor	
Number of total pixels		811(H) × 508(V)	795(H) × 596(V)
Number of effective pixels		768(H) × 494(V)	752(H) × 582(V)
Unit cell size		8.4μm(H) × 9.8μm(V)	8.6μm(H) × 8.3μm(V)
Synchronizing system		Internal	
Scanning system		2:1 interlace	
Video output		Composite, Y/C: 1.0 V(p-p), 75Ω , unbalanced	
Resolution (H)		More than 550TVL (Center)	
Minimum illumination		0.006 lx F1.2 (AGC=ON, Shutter=OFF, NR=ON, γ=0.45) 0.0004 lx F1.2 (AGC=ON, Shutter=x16, NR=ON, γ=0.45)	
S/N		More than 55dB (AGC=-3dB, γ=1.0)	
Function settings / Serial port		OSD (On Screen Display) / RS-485 (Pelco-D)	
AE mode	Fixed	x2, x4, x8, x16, x32, x64, x128, x256 (field)	
		1/60, 1/100 sec.	1/50, 1/120 sec.
		1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec.	
	EI	1/60 - 1/100000 sec.	1/50 - 1/100000 sec.
		x16 - 1/100000 sec.	
AGC		HI: -3~44dB / LO: -3~32dB	
MGC		-3~44dB (1dB step)	
Gamma characteristics		9 steps setting (1.0/0.8/0.7/0.6/0.55/0.5/0.45/0.4/0.35)	
White balance		ATW, PWB, MWB, PRESET (4 types)	
Noise reduction		3DNR ON (Level selectable) / OFF	
Wide dynamic range		WDR(Digital Wide Dynamic Range) ON (Level selectable) / OFF	
Lens iris		Video / DC	
Back light compensation		ON / OFF	
HSBLC(Highlight BLC)		ON (Level selectable) / OFF	
White blemish correction		Up to 64 pixels	
Defog		ON (Level selectable) / OFF	
Digital zoom		x 2 - 256 (ZOOM / PAN / TILT)	
Privacy mask		4masks	
Mirror image		V-FLIP / H-FLIP / HV-FLIP	
Motion detection		ON (Area/Sensitivity/Alarm) / OFF	
Power supply		DC+12V±10%	
Power consumption		1.32W (110mA)	
Operating temperature		-10 - +50℃	
Storage temperature		-30 - +70℃	
Operating / Storage humidity		Less than 95% RH (Without condensation)	
Lens mount		CS mount (Back focus adjustable)	
Weight		Approx. 150g	

※Design and specifications are subject to change without notice.

DIMENSIONS (mm)

