

WAT-221S

1/2" Color
Multi Function • High Sensitivity



Key features: ● Multi function ● Simultaneous output of composite video & Y/C signals
● High sensitivity

Model (Type)	WAT-221S (NTSC)	WAT-221S (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	8.4 μm(H) × 9.8 μm(V)	8.6 μm(H) × 8.3 μm(V)
Synchronizing system	Internal	
Scanning system	2:1 interlace	
Video output	Composite 1Vp-p 75 Ω (Unbalanced)	
	Y/C	Y:1Vp-p / C:0.286Vp-p 75 Ω
Resolution (H)	Composite:450TVL (Center) / Y/C:480TVL (Center)	
Minimum illumination	0.1lx. F1.2	
S/N	≥50dB	
Electronic iris	OFF:1/60~1/100,000 / FL:1/100~1/100,000 (sec.)	OFF:1/50~1/100,000 / FL:1/120~1/100,000 (sec.)
Electronic shutter	1/60 (OFF), 1/100 (FL), 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10,000 (sec.)	1/50 (OFF), 1/120 (FL), 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10,000 (sec.)
White balance	ATW, PWB, MWB, Preset (3200K, 4300K, 5100K, 6300K)	
AGC	ON:8~36dB(HI), 8~24dB(LO) / OFF:8dB	
Gamma correction	ON:γ ≈ 0.45 / OFF:γ = 1.0	
Video level	100IRE / 75IRE	
Lens iris	Video / DC (Auto-select)	
Back light compensation	ON / OFF	
Power supply	DC+12V±10%	
Power consumption	1.86W (155mA)	
Operating temperature	-10°C~+40°C	
Storage temperature	-30°C~+70°C	
Operating/Storage humidity	95%RH or less (w/o condensation)	
Lens mount	CS	
Mass	160g	
Accessories	WPDC12(DC plug), AIC-G(Iris plug), Hex. wrench	

Dimensions (mm)

