

SPECIFICATIONS

Model		WAT-231S (NTSC)	WAT-231S (PAL)
Pick-up element		1/3 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		6.35μm(H) × 7.4μm(V)	6.5μm(H) × 6.25μm(V)
Imaging system		Ye, Cy, Mg, and G complementary color mosaic filters on chip	
Synchronizing system		Internal	
Scanning system		2:1 interlace	
Video output		Composite, Y/C: 1Vp-p, 75ohms, unbalanced	
Resolution (H)	Composite	450TVL (Center)	
	Y/C	480TVL (Center)	
Minimum illumination		0.1lx F1.2	
S/N		More than 50dB (AGC=8dB, $\gamma=1.0$)	
AE mode	Fixed	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. 1/100 - 1/100000 sec.	1/50 - 1/100000 sec. 1/120 - 1/100000 sec.
White balance		ATW, PWB, MWB, Preset (3200K, 4300K, 5100K, 6300K)	
AGC	ON	HI: 8 - 36dB / LO: 8 - 24dB	
	OFF	8dB	
Gamma characteristics		$\gamma \approx 0.45$ (ON) / $\gamma = 1.0$ (OFF)	
Video level		100IRE / 75IRE	
Lens iris		Video / DC (EIAJ arrangement, Auto-select)	
Back light compensation		ON / OFF	
Power supply		DC+12V±10%	
Power consumption		1.8W (150mA)	
Operating temperature		-10°C - +40°C	
Storage temperature		-30°C - +70°C	
Operating / Storage humidity		Less than 95% RH (Without condensation)	
Lens mount		CS mount	
Weight		Approx. 160g	

※Design and specifications are subject to change without notice.

DIMENSIONS (mm)

