

SPECIFICATIONS

Model	WAT-230 VIVID (NTSC)	WAT-230 VIVID (PAL)
Pick-up element	1/4 inch interline transfer CCD image sensor	
Number of total pixels	811(H) × 507(V)	795(H) × 595(V)
Number of effective pixels	768(H) × 494(V)	752(H) × 582(V)
Unit cell size	4.9μm(H) × 5.6μm(V)	5.0μm(H) × 4.7μm(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 Video, 1Vp-p, 75ohms, unbalanced	
Resolution (Horizontal)	450TVL (Center)	
Minimum illumination	1.6lx F2.0	
S/N	More than 50dB (AGC=6dB, $\gamma=1.0$)	
AE (Auto-exposure)	1/60 - 1/100000 sec.	1/50 - 1/100000 sec.
White balance	ATW (2500K - 9500K)	
AGC	6 - 30dB	
Gamma characteristics	$\gamma \cong 0.45$	
Back light compensation	ON	
Power supply	DC+6V±10%	
Power consumption	1.02W (170mA)	
Operating temperature	-10°C - +40°C	
Storage temperature	-30°C - +70°C	
Operating / Storage humidity	Less than 95% RH (Without condensation)	
Standard lenses	G3.8(Glass f3.8 F2.0) / P3.7(Pinhole f3.7 F4.5)	
Lens mount	M13 P=1.0	
Weight	Approx. 35g (G3.8)	

※Design and specifications are subject to change without notice.

※Miniature pinhole lenses cannot be interchanged with miniature glass lenses and vis-a-vis.

※Function setting can be changed by Active Visual Mate(Optional). Please refer to the specification of AVM.

DIMENSIONS (mm)

