

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) × 4.77μm(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, 1.0 V(p-p), 75 Ω, unbalanced	
Resolution (Horizontal)	More than 450TVL (Center)	
Minimum illumination	0.7 lx. F2.0	
S/N	More than 50dB (AGC=6dB, γ=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	γ ≐ 0.45	
Back light compensation	ON	
Power supply	DC+6V±10%	
Power consumption	0.99W (165mA)	
Operating temperature	-10 - +50°C (Without condensation)	
Storage temperature	-30 - +70°C (Without condensation)	
Operating / Storage humidity	Less than 95% RH	
Lens mount	M13 P=1.0	
Standard lenses	G3.8(Glass f3.8 F2.0) / P3.7(Pinhole f3.7 F4.5)	
Weight	Approx. 39g (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 AVM-USB(Optional). Please refer to the specification of AVM-USB.