

SPECIFICATIONS

Model	WAT-240 VIVID (NTSC)	WAT-240 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. 28g (G3.8)	

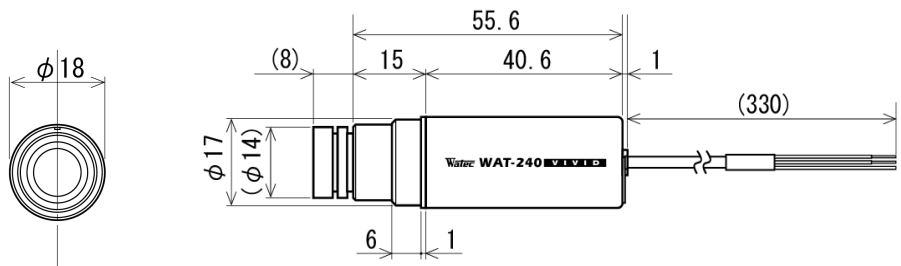
※Design and specifications are subject to change without notice.

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

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

DIMENSIONS (mm)

<<G3.8 Glass Lens>>



<<P3.7 Pinhole Lens>>

