

1/4" Color Miniature Type



Key features: ● Miniature ● Various lenses available
● High resolution

Model (Type)	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	4.9 μm(H) × 5.6 μm(V)	5.0 μm(H) × 4.7 μm(V)
Synchronizing system	Internal	
Scanning system	2:1 interlace	
Video output	Composite 1Vp-p 75 Ω (Unbalanced)	
Resolution (H)	450TVL (Center)	
Minimum illumination	0.7lx. F2.0	
S/N	≥50dB	
Electronic iris	1/60~1/100,000 (sec.)	1/50~1/100,000 (sec.)
White balance	ATW	
AGC	6~30dB	
Gamma correction	$\gamma \doteq 0.45$	
Back light compensation	ON	
Power supply	DC+6V±10%	
Power consumption	0.99W(165mA)	
Operating temperature	-10°C~+50°C	
Storage temperature	-30°C~+70°C	
Operating/Storage humidity	95%RH or less (w/o condensation)	
Standard lens	G3.8(Glass f3.8 F2.0) / P3.7(Pinhole f3.7 F4.5) (※Optional lens list:P24)	
Lens mount	M13 P=1.0	
Mass	27g (w/ G3.8)	
Accessory	Camera holder	

※Miniature pinhole lenses cannot be interchanged with miniature glass lenses and vice versa

Dimensions (mm)

