

WAT-240RA Color Camera

【SPECIFICATIONS】

Model	WAT-240RA (NTSC/PAL)
Pick-up element	1/4 inch interline transfer CCD image sensor
Number of total pixels	542 (H) × 492 (V) (NTSC), 542 (H) × 582 (V) (PAL)
Number of effective pixels	512 (H) × 492 (V) (NTSC), 512 (H) × 582 (V) (PAL)
Unit cell size	7.2 μm (H) × 5.6 μm (V) (NTSC), 7.2 μm (H) × 4.7 μm (V) (PAL)
Scanning system	2:1 interlace
Synchronizing system	Internal
Video output	Composite video, 1 Vp-p, 75ohm Unbalanced
Resolution (Horizontal)	350TV lines (Center)
Minimum illumination	0.4 lx. (F2.0)
Gamma correction	$\gamma \cong 0.45$
AGC	6 ~ 30dB
S/N ratio	50dB (AGC OFF, $\gamma = 1.0$)
White balance	Automatic
Back light compensation	ON
Electronic iris	1/60 ~ 1/100,000 sec. (EIA), 1/50 ~ 1/100,000 sec. (CCIR)
Standard lens	(Glass, f3.8mm, F2.0) or (Pin hole, f3.7mm, F4.5)
Power supply	DC +5.4 ~ +7.5V
Current	max. 160mA
Operating temperature	-10°C ~ +40°C (w/o condensation)
Storage temperature	-30°C ~ +70°C (w/o condensation)
Dimensions	18 (φ) × 43 (L) mm + lens
Weight	Approx. 25g (with Glass f3.8mm lens)
Accessories	Holder ring set

【DIMENSIONS】 (mm)

