

WAT-120N Monochrome Camera

【SPECIFICATIONS】

Model	WAT-120N (EIA/CCIR)
Pick-up element	1/2inch interline transfer CCD image sensor
Number of total pixels	811(H) × 508(V) : (EIA) 795(H) × 596(V) : (CCIR)
Number of effective pixels	768(H) × 494(V) : (EIA) 752(H) × 582(V) : (CCIR)
Unit cell size	8.4 μm(H) × 9.8 μm(V) : (EIA) 8.6 μm(H) × 8.3 μm(V) : (CCIR)
Scanning system	Frame storage / Frame readout
Synchronizing system	Internal
Video output	Composite video, 1Vp-p, 75ohm Unbalanced
Resolution	570 TV lines(H), 480 TV lines(V)
Minimum illumination	0.00002 lx. F1.4 (256frame, Gain 38dB, γ =HI)
Gamma correction	$\gamma \cong 1.0$ (OFF), $\gamma \cong 0.45$ (LO), $\gamma \cong 0.35$ (HI)
AGC	8~38dB (Manual)
S/N ratio	52dB (γ =OFF, Gain 8dB)
Shutter speeds	OFF (1/60-EIA, 1/50-CCIR), 1, 2, 4, 8, 16, 32, 64, 128, 256 (1=1frame, 1frame=1/30sec. (EIA) or 1/25sec. (CCIR))
Lens mount	CS-mount
Installation screw	U 1/4 (D=5mm) (Top/Bottom)
Connection terminal	Video out (BNC), Power, Auto iris, Remote control (R.C.)
Power supply	DC +9.5~15V
Current	max. 160mA
Operating temperature	-10°C ~ +40°C (w/o condensation)
Storage temperature	-30°C ~ +70°C (w/o condensation)
Dimensions	43.5(W) × 44.0(H) × 64.0(D)mm
Auto iris	Video/DC (Auto switch)
Weight	Approx. 150g
Accessories	Remote control box (WAT-120NRC), DC-plug (WPDC12) Iris-plug (AIC-G), C-mount adaptor (34CMA-R) Hex. key wrench

【DIMENSIONS】

Camera unit (WAT-120N)

