

WAT-902HB3S

1/3" Board Camera Unit B/W · Super High Sensitivity



- Key features:**
- Minimum Illumination 0.0006lx F1.4
 - DC12V
 - 1/3"
 - Near IR sensitivity

Model (Type)	WAT-902HB3S (EIA)	WAT-902HB3S (CCIR)
Pick-up element	1/3-inch interline transfer CCD image sensor	
Number of total pixels	811(H) × 508(V)	795(H) × 596(V)
Number of effective pixels	768(H) × 494(V)	752(H) × 582(V)
Unit cell size	6.35μm(H) × 7.4μm(V)	6.5μm(H) × 6.25μm(V)
Synchronizing system	Internal	
Scanning system	2:1 interlace	
Video output	Composite 1Vp-p 75Ω(Unbalanced)	
Resolution (H)	570TVL (Center)	
Minimum illumination	0.0006lx. F1.4	
S/N	≥50dB	
Electronic iris	1/60~1/100,000 (sec.)	1/50~1/100,000 (sec.)
Electronic shutter	1/60(OFF), 1/100(FL), 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10,000, 1/100,000 (sec.)	1/50(OFF), 1/120(FL), 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10,000, 1/100,000 (sec.)
AGC	ON: 5-50dB(HI), 5-32dB(LO) / OFF: 5dB	
Gamma correction	ON: $\gamma \approx 0.45$ / OFF: $\gamma = 1.0$	
Video level	Video	
Back light compensation	ON / OFF	
Power supply	DC+12V±10%	
Power consumption	1.92W(160mA)	
Operating temperature	-10°C~+40°C	
Storage temperature	-30°C~+70°C	
Operating/Storage humidity	95%RH or less (w/o condensation)	
Lens mount	CS	
Mass	25g	
Accessories	Cable w/ connector, Hex. wrench	

Dimensions (mm)

