

WAT-902B

1/2" Low Noise • High Sensitivity Monochrome Camera

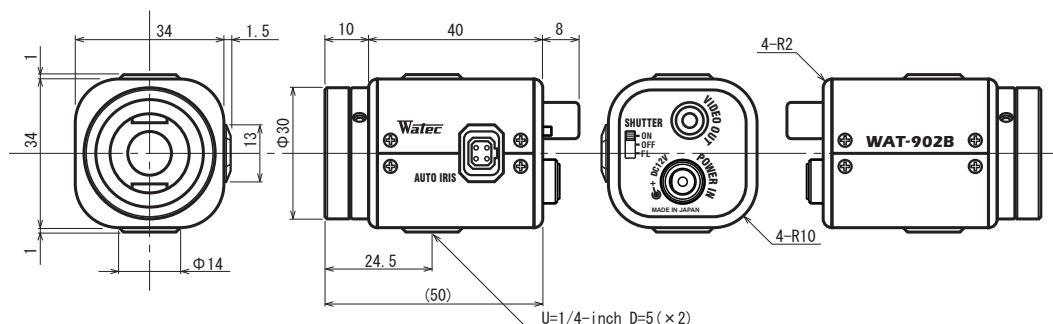
Near IR sensitivity with multi function



Key features

- High cost performance model among the WAT-902 series
- High sensitivity with low noise operation
- Min. illumination 0.0003 lx F1.4

Dimensions



Specifications

Video standard		EIA	CCIR
Pick-up element		1/2 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		8.4 μm(H) × 9.8 μm(V)	8.6 μm(H) × 8.3 μm(V)
Synchronizing system		Internal	
Scanning system		2:1 interlace	
Video output		RCA: Composite video, 1.0 V(p-p), 75 Ω (Unbalanced)	
Resolution (H)		More than 570TVL (Center)	
Minimum illumination		0.003 lx F1.4 (AGC=HI)	
S/N		More than 50dB (AGC=10dB, γ=1.0)	
AE mode	Fixed	1/60, 1/100 sec.	1/50, 1/120 sec.
	EI	1/60 - 1/100000 sec.	1/50 - 1/100000 sec.
AGC	ON	HI: 5 - 32dB / LO: 5 - 20dB	
	OFF	10dB	
Gamma characteristics		γ ≈ 0.45 (ON) / γ = 1.0 (OFF)	
Lens iris		Video (Watec original arrangement)	
Back light compensation		ON (Center + Under) / OFF	
Power supply		DC+12V±10%	
Power consumption		1.74W (145mA)	
Operating temperature		-10 - +40°C	
Storage temperature		-30 - +70°C	
Operating / Storage humidity		95%RH or less (Without condensation)	
Lens mount		CS mount	
Weight		Approx. 84g	
Accessories		WPDC12 (DC plug), AIC (Iris plug)	

Options

