

# WAT-902B 1/2" Low Noise · High Sensitivity Camera

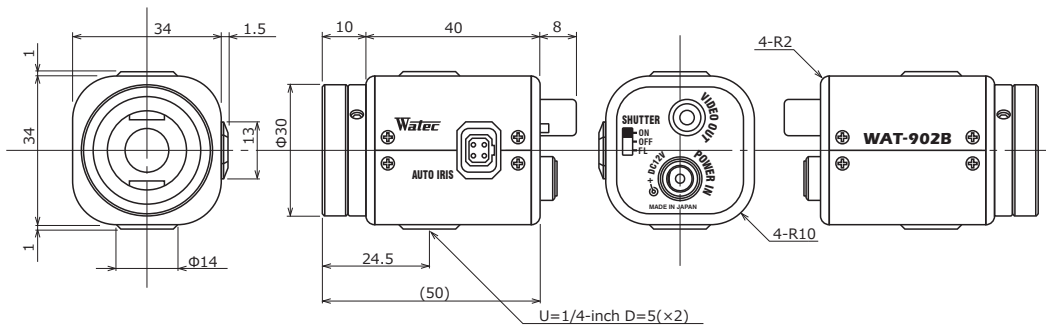
High cost performance model among the WAT-902 series



## Key features

- High sensitivity with low noise operation
- Min. illumination 0.0003 lx F1.4

## Dimensions

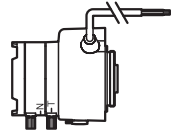


## Specifications

Video standard	EIA	CCIR	
Pick-up element	1/2 inch interline transfer CCD image sensor		
Number of effective pixels	768(H) × 494(V)	752(H) × 582(V)	
Unit cell size	8.4μm(H) × 9.8μm(V)	8.6μm(H) × 8.3μm(V)	
Synchronizing system	Internal		
Scanning system	2:1 interlace		
Video output	RCA: Composite video, 1.0 V(p-p), 75Ω (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 (Dip switch inside of case)	
	OFF	10dB (Dip switch inside of case)	
Gamma characteristics	γ≈0.45 (ON) / γ=1.0 (OFF) (Dip switch inside of case)		
Lens iris	Video (Watec original arrangement)		
Back light compensation	ON (Center + Under) / OFF (Dip switch inside of case)		
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

CS-mount lenses



HG2Z4516AFCS-2



HG3Z1014AFCS

※ Iris plug (AIC) included to the product

Miniature lenses / Mount adaptors



0814BC-12



22PMA-M12-125

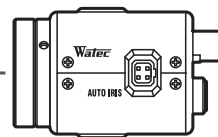


3745B-13P



22PMA-M13-040

**WAT-902B**



VIDEO OUT (RCA)



POWER IN (DC12V)

Cables



3C2V (BNC/RCA)

BNC



3C2V (RCA/RCA)

RCA

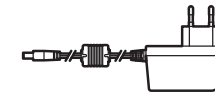


※Not in our lineup

Power supply adaptors



SWI12-12-N-P5



SWI12-12-E-P5

Stands



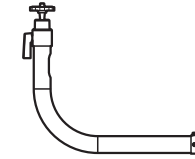
MS50



WH-31



WH-11



WH-21

C-mount adaptor

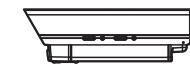


30CMA-R

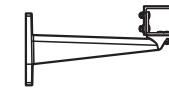
C-mount Lenses

※Not in our lineup

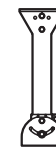
Water resistant camera housing / Mounting brackets



VCHO-15S



WH-6N



PTP-300