

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

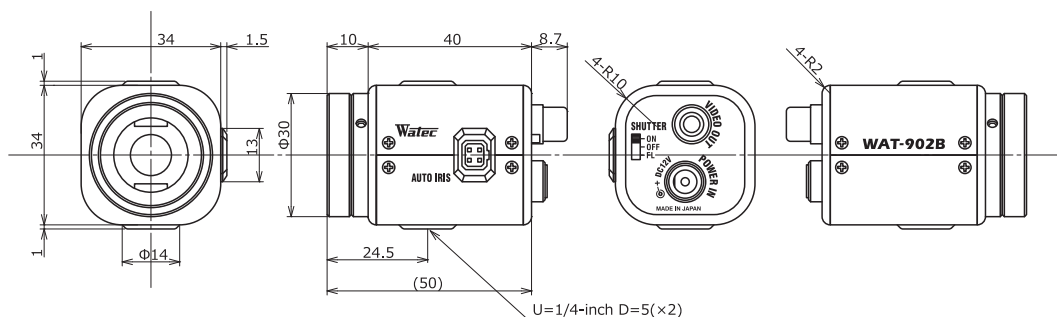
High cost performance model among the WAT-902 series



Key features

- High sensitivity with low noise operation
- Min. illumination 0.003 lx F1.4 (AGC HIGH=32dB, Shutter=OFF)

Dimensions

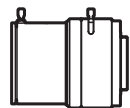


Specifications

Video standard		EIA
Pick-up element		1/2 inch interline transfer CCD image sensor
Number of effective pixels		768(H) × 494(V)
Unit cell size		8.4μm(H) × 9.8μm(V)
Synchronizing system		Internal
Scanning system		2:1 interlace
Video output		Composite video, 1.0 V(p-p) 75Ω (Unbalanced)
Resolution (H)		More than 570TVL (Center)
Minimum illumination		0.003 lx F1.4 (AGC HIGH=32dB, Shutter=OFF)
S/N		More than 50dB (AGC OFF=10dB, γ=1.0)
Function settings		DIP Switch
AE mode	Fixed	1/60, 1/100 sec.
	EI	1/60 - 1/100000 sec.
AGC	ON	5 - 20dB (LOW), 5 - 32dB (HIGH)
	OFF	10dB
MGC		—
Gamma characteristics		γ≈0.45, 1.0
Video level		100IRE
Noise reduction		—
Wide dynamic range		—
Lens iris		Video (Watec original arrangement)
Back light compensation		BLC
White blemish correction		—
Sharpness		—
Defog		—
Digital zoom		—
Privacy mask		—
Mirror image		—
Freeze		—
Motion detection		—
Neg.image		—
Interface		RCA (Composite Video), Power in, Auto iris
Power supply		DC+12V±10%
Power consumption		1.74W (145mA)
Operating temperature		-10 - +40℃
Storage temperature		-30 - +70℃
Operating / Storage humidity		95% RH or less (Without condensation)
Lens mount		CS mount
Weight		Approx. 86g
Accessories		WPDC12 (DC plug), AIC (Iris plug)

Options

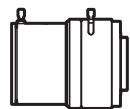
CS-mount lenses



※Not in our lineup

Lens Iris: Video (Watec original arrangement)

C-mount lenses



※Not in our lineup

Lens Iris: Video (Watec original arrangement)

C-mount adaptor



30CMA-R

Miniature lenses / Mount adaptors



0814BC-12



22PMA-M12-125

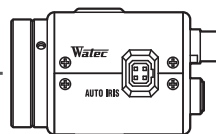


3745B-13P



22PMA-M13-040

WAT-902B



VIDEO OUT (RCA)



POWER IN (DC12V)

Cables



3C2V (BNC/RCA)

BNC



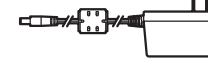
3C2V (RCA/RCA)

RCA

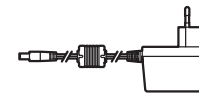


※Not in our lineup

Power supply adaptors



SWI12-12-N-P5



SWI12-12-E-P5

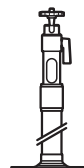
Stands



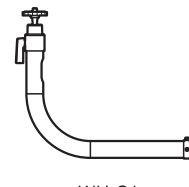
MS50



WH-31

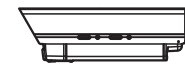


WH-11

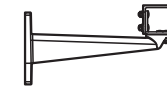


WH-21

Water resistant camera housing / Mounting brackets



VCHO-15S



WH-6N



PTP-300