

WAT-902H3 ULTIMATE

1/3" Multi Function • Super High Sensitivity Camera

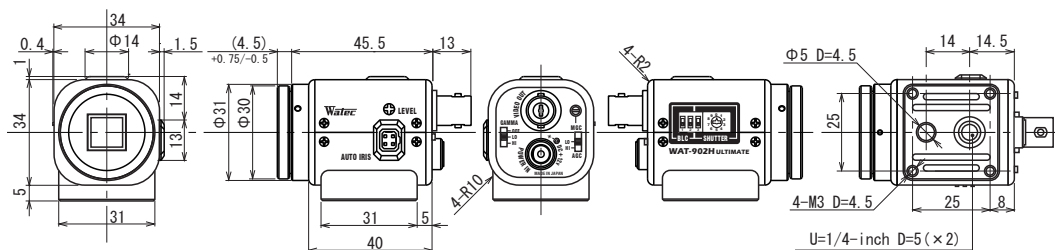
Near IR visibility with full camera control



Key features

- Achieves min. illumination 0.0002 lx. F1.4 by near IR sensitive CCD sensor and our unique image signal amplifying circuit
- High quality image without noise under poor light condition
- Signal amplification level configurable up to 60dB and suitable for moving object in low light condition
- Electric iris, electric shutter, AGC, MGC, BLC and gamma
- Adjustable back focus CS mount
- Stability design housing for installation

Dimensions

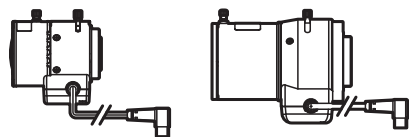


Specifications

Video standard		EIA	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		6.35 μ m(H) × 7.4 μ m(V)	6.5 μ m(H) × 6.25 μ m(V)
Synchronizing system		Internal	
Scanning system		2:1 interlace	
Video output		BNC: Composite video, 1.0 V(p-p), 75 Ω (Unbalanced)	
Resolution (H)		More than 570TVL (Center)	
Minimum illumination		0.0002 lx F1.4 (AGC=HI)	
S/N		More than 50dB (AGC=5dB, γ=1.0)	
AE mode	Fixed	1/60, 1/100 sec.	1/50, 1/120 sec.
		1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000 sec.	
	EI	1/60 – 1/100000 sec.	1/50 – 1/100000 sec.
		1/100 – 1/100000 sec.	1/120 – 1/100000 sec.
AGC		HI: 5 – 60dB / LO: 5 – 32dB	
MGC		5 – 60dB	
Gamma characteristics		γ ≒0.35 (HI) / γ ≒0.45 (LO) / γ ≒1.0 (OFF)	
Lens iris		Video / DC (EIAJ, Auto-select)	
Back light compensation		ON (Center + Under, Center, Under) / OFF	
Power supply		DC+12V±10%	
Power consumption		1.26W (105mA)	
Operating temperature		-10 – +40°C	
Storage temperature		-30 – +70°C	
Operating / Storage humidity		95%RH or less (Without condensation)	
Lens mount		CS mount (Back focus adjustable)	
Weight		Approx. 98g	
Accessories		WPDC12 (DC plug), AIC-G (Iris plug), Hex. wrench	

Options

CS-mount lenses



13VG308ASIR II

13VG1040ASIR

Miniature lenses / Mount adaptors



3720B-12P(B)



28MMA-M12-090



2520BC-12



0820BC-12



2920BC-12



1220BC-12



3820BC-12



0814BC-12



28MMA-M12-140

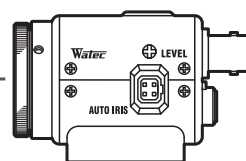


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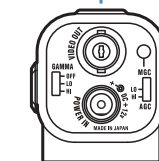


2540EX014-M12

WAT-902H3 ULTIMATE



VIDEO OUT (BNC)



POWER IN (DC12V)

Cables



3C2V (BNC/BNC)

BNC



3C2V (BNC/RCA)

RCA



Monitor

※Not in our lineup

Power supply adapters



GF12-US1210



G051T-120050B-1

Stands



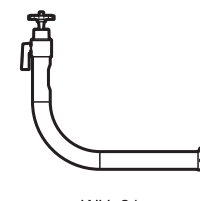
MS50



WH-31



WH-11



WH-21

Water resistant camera housing / Mounting brackets



VCHO-15S



WH-6N



PTP-300

C-mount adaptor



30CMA-R

C-mount
Lenses

※Not in our lineup