

WAT-902H2 ULTIMATE 1/2" Multi-Function · High Sensitivity Camera

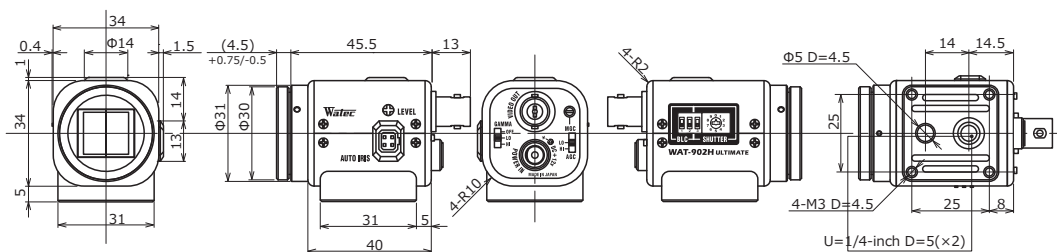
NIR visibility with full camera control



Key features

- Min. illumination 0.0001 lx. F1.4 by NIR 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

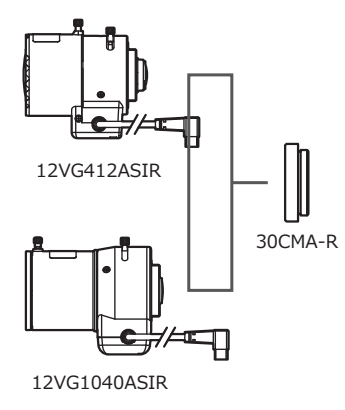


Specifications

Video standard	EIA	CCIR
Pick-up element	1/2 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	BNC: Composite video, 1.0 V(p-p), 75Ω (Unbalanced)	
Resolution (H)	More than 570TVL (Center)	
Minimum illumination	0.0001 lx F1.4 (AGC=HI)	
S/N	More than 50dB (AGC=5dB, γ=1.0)	
AE mode	Fixed	1/60, 1/100 sec.
		1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000 sec.
	EI	1/60 - 1/100000 sec.
		1/100 - 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	1.32W (110mA)	
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

C-mount lenses / Mount adaptors

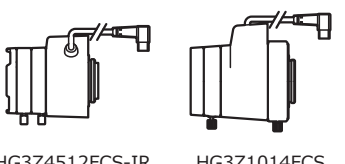


12VG412ASIR

30CMA-R

12VG1040ASIR

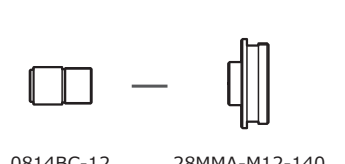
CS-mount lenses



HG3Z4512FCS-IR

HG3Z1014FCS

Miniature lenses / Mount adaptors



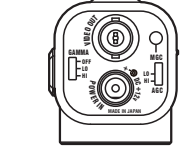
0814BC-12

28MMA-M12-140

WAT-902H2 ULTIMATE

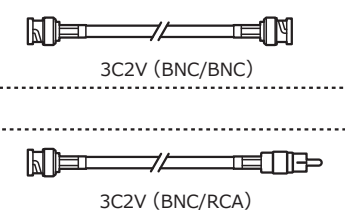


VIDEO OUT (BNC)



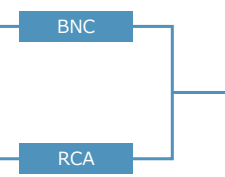
POWER IN (DC12V)

Cables



3C2V (BNC/BNC)

3C2V (BNC/RCA)




BNC

RCA



※Not in our lineup

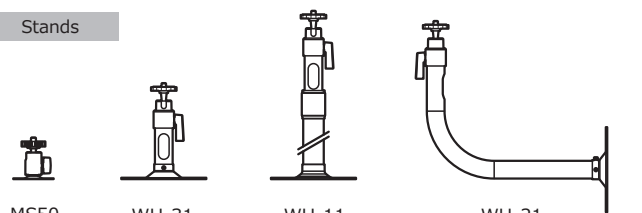
Power supply adaptors



SWI12-12-N-P5

SWI12-12-E-P5

Stands



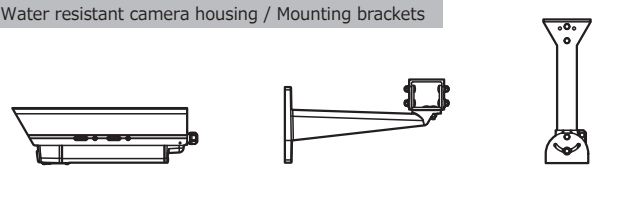
MS50

WH-31

WH-11

WH-21

Water resistant camera housing / Mounting brackets



VCHO-15S

WH-6N

PTP-300