

WAT-902H2 ULTIMATE

1/2" Multi-Function · High Sensitivity Camera

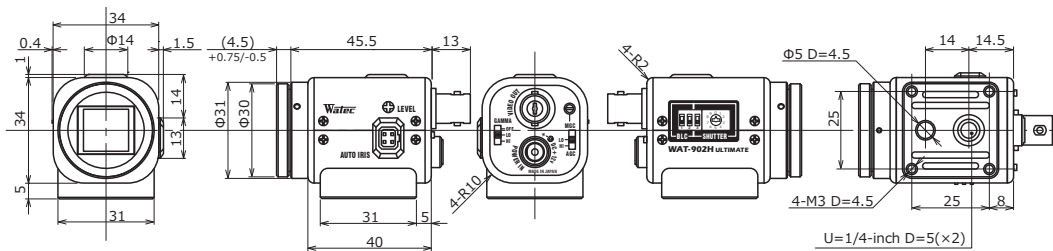
NIR visibility with full camera control



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

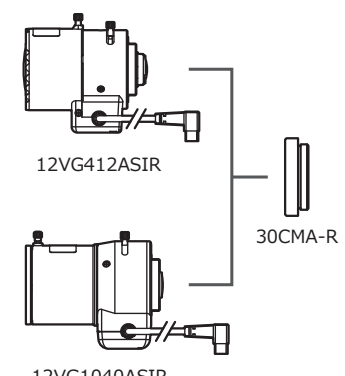


Specifications

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.	1/50, 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	1.32W (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

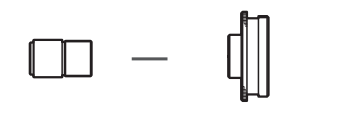


12VG412ASIR

30CMA-R

12VG1040ASIR

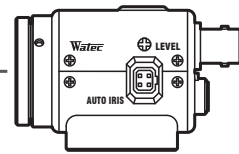
Miniature lenses / Mount adaptors



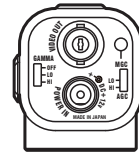
0814BC-12

28MMA-M12-140

WAT-902H2 ULTIMATE



VIDEO OUT (BNC)

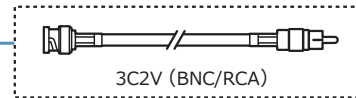


POWER IN (DC12V)

Cables



BNC

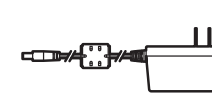


RCA

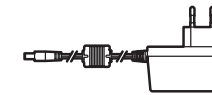


※Not in our lineup

Power supply adaptors



SWI12-12-N-P5



SWI12-12-E-P5

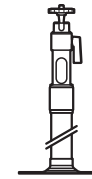
Stands



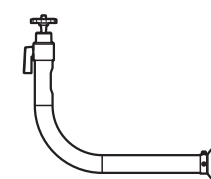
MS50



WH-31



WH-11



WH-21

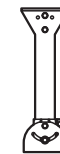
Water resistant camera housing / Mounting brackets



VCHO-15S



WH-6N



PTP-300