

# WAT-902H3 ULTIMATE 1/3" Multi Function · High Sensitivity Camera

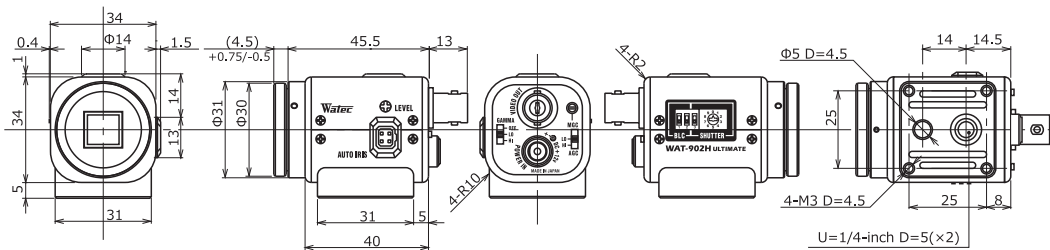
NIR visibility with full camera control



## Key features

- Min. illumination 0.0002 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

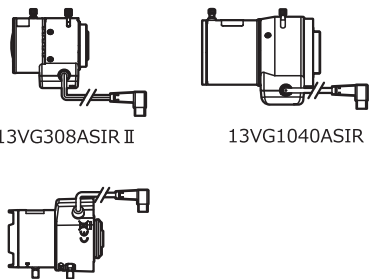


## Specifications

Video standard	CCIR	
Pick-up element	1/3 inch interline transfer CCD image sensor	
Number of effective pixels	752(H) × 582(V)	
Unit cell size	6.5μm(H) × 6.25μm(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	0.0002 lx F1.4 (AGC HIGH=60dB, Shutter=OFF)	
S/N	More than 50dB (AGC OFF=5dB, γ=1.0)	
Function settings	DIP Switch	
AE mode	Fixed	1/50, 1/120 sec.
	EI	1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000 sec.
AGC	ON	5 - 32dB (LOW), 5 - 60dB (HIGH)
	OFF	—
MGC	5 - 60dB	
Gamma characteristics	γ≈0.35, 0.45, 1.0	
Video level	100IRE	
Noise reduction	—	
Wide dynamic range	—	
Lens iris	Video / DC (EIAJ, Auto-select)	
Back light compensation	BLC	
White blemish correction	—	
Sharpness	—	
Defog	—	
Digital zoom	—	
Privacy mask	—	
Mirror image	—	
Freeze	—	
Motion detection	—	
Neg. image	—	
Interface	BNC (Composite Video), Power in, Auto iris	
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), Hex. Wrench	

Options

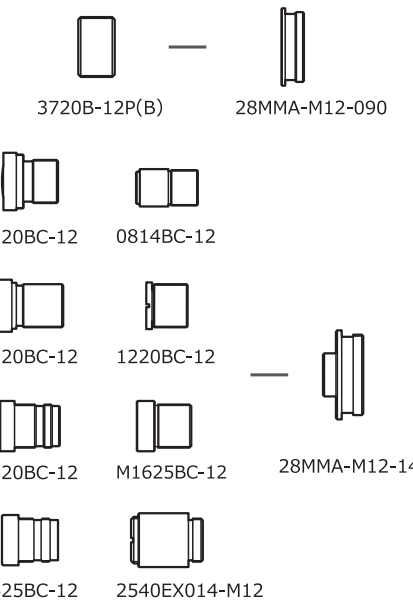
**CS-mount lenses**



13VG308ASIR II      13VG1040ASIR

TG4Z2813FCS-IR-2

**Miniature lenses / Mount adaptors**



3720B-12P(B)      28MMA-M12-090

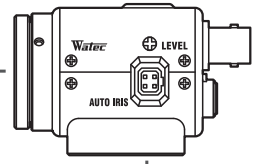
2520BC-12      0814BC-12

2920BC-12      1220BC-12

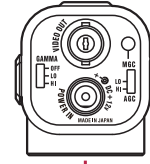
3820BC-12      M1625BC-12      28MMA-M12-140

0625BC-12      2540EX014-M12

**WAT-902H3 ULTIMATE**




VIDEO OUT (BNC)




POWER IN (DC+12V)

**Cables**



3C2V (BNC/BNC)

BNC



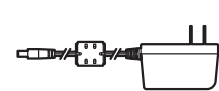
3C2V (BNC/RCA)

RCA

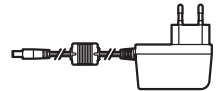


\*Not in our lineup

**Power supply adaptors**



SWI12-12-N-P5



SWI12-12-E-P5

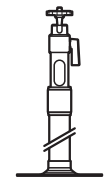
**Stands**



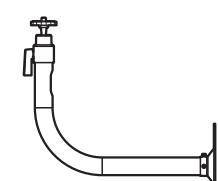
MS50



WH-31

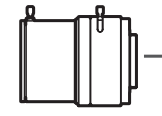


WH-11



WH-21

**C-mount lenses**



\*Not in our lineup

**C-mount adaptor**

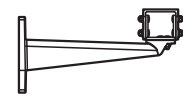


30CMA-R

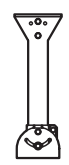
**Water resistant camera housing / Mounting brackets**



VCHO-15S



WH-6N



PTP-300