

WAT-910HX 1/2" NIR Sensitivity Camera

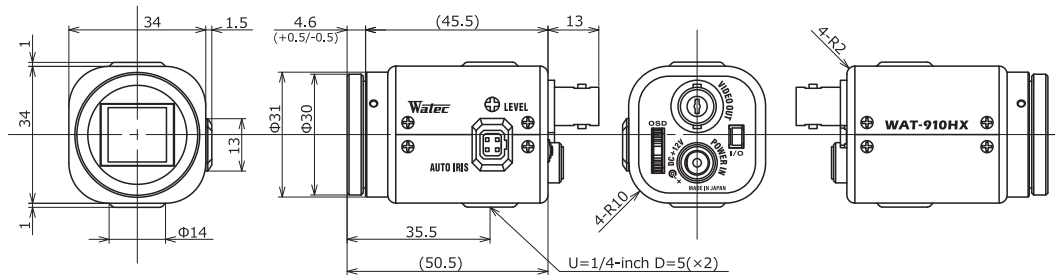
Achieves minimum illumination performance by 1/2-inch high sensitive CCD sensor and our unique circuit design



Key features

- Min. illumination 0.0000025 lx F1.4 (AGC HIGH=41dB, Shutter=x256, $\gamma=0.35$, NR=ON)
- High quality image without noise under poor light condition
- Advanced setting available by OSD (On Screen Display) through jog dial on camera

Dimensions

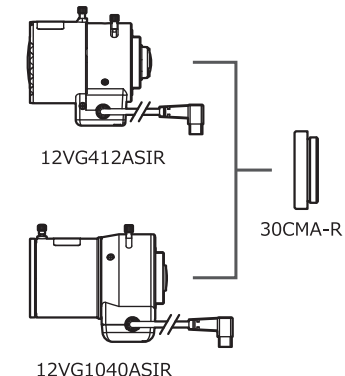


Specifications

Video standard	CCIR	
Pick-up element	1/2 inch interline transfer CCD image sensor	
Number of effective pixels	752(H) × 582(V)	
Unit cell size	8.6 μ m(H) × 8.3 μ m(V)	
Synchronizing system	Internal	
Scanning system	2:1 interlace	
Video output	Composite video, 1.0 V(p-p) 75 Ω (Unbalanced)	
Resolution (H)	More than 570TVL (Center)	
Minimum illumination	0.0000025 lx F1.4 (AGC HIGH=41dB, Shutter=x256, $\gamma=0.35$, NR=ON)	
S/N	More than 52dB (AGC OFF=6dB, $\gamma=1.0$, Shutter=x256, NR=ON)	
Function settings	OSD : Jog dial	
AE mode	Fixed	x2, x4, x8, x16, x32, x64, x128, x256 (field)
		1/50, 1/120 sec.
	EI	1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000 sec.
AGC	ON	1/50 - 1/100000 sec.
	OFF	x256 - 1/100000 sec.
MGC	ON	6 - 30dB (LOW), 6 - 34.5dB (MID), 6 - 41dB (HIGH)
MGC	OFF	-
Gamma characteristics		6 - 41dB (1dB step)
Video level		$\gamma=0.05 \sim 1.0$ (0.05 step), USER (S-curve)
Noise reduction		92.5IRE
Wide dynamic range		3DNR OFF/ON Level adjustable
Lens iris		D-WDR OFF/ON Level adjustable
Back light compensation		Video/DC (EIAJ, Auto-select)
White blemish correction		BLC, HSBLC
Sharpness		Up to 64 pixels
Defog		Level adjustable
Digital zoom		-
Privacy mask		ZOOM (x1 - x32), PAN/TILT
Mirror image		-
Freeze		OFF, V-FLIP, H-FLIP, HV-FLIP
Motion detection		OFF/ON
Neg.image		OFF/ON 4areas arbitrarily configurable
Interface		OFF/ON
Power supply		BNC (Composite Video), Power in, Auto iris, 3P connector (GPIO)
Power consumption		DC+12V \pm 10%
Operating temperature		1.38W (115mA)
Storage temperature		-10 - +50 $^{\circ}$ C
Operating / Storage humidity		-30 - +70 $^{\circ}$ C
Lens mount		95% RH or less (Without condensation)
Weight		CS mount (Back focus adjustable)
Accessories		Approx. 83g
		WPDC12 (DC plug), Hex. Wrench, I/O cable


Accessories Options

C-mount lenses / Mount adaptors



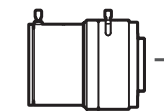
12VG412ASIR
30CMA-R
12VG1040ASIR

Miniature lenses / Mount adaptors



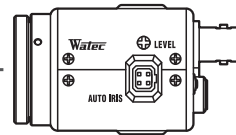
0814BC-12
28MMA-M12-140

CS-mount lenses



*Not in our lineup

WAT-910HX



VIDEO OUT (BNC)



I/O

POWER IN (DC+12V)

Cables



3C2V (BNC/BNC)

BNC



3C2V (BNC/RCA)

RCA



*Not in our lineup

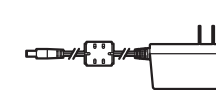
Cable



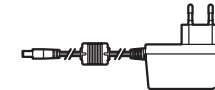
I/O cable (300mm)

Motion detection

Power supply adaptors



SWI12-12-N-P5



SWI12-12-E-P5

Stands



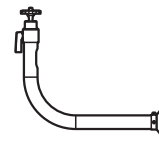
MS50



WH-31



WH-11



WH-21

Water resistant camera housing / Mounting brackets



VCHO-15S



WH-6N



PTP-300