

WAT-910HX 1/2" NIR Sensitivity Camera

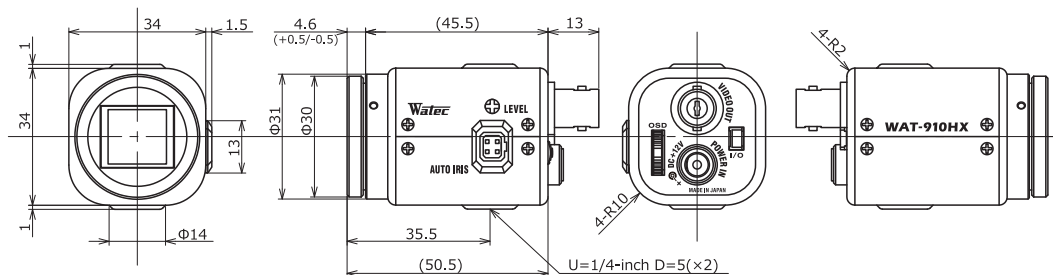
Achieves minimum illumination performance by 1/2-inch high sensitive CCD sensor and our unique circuit design



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		8.6μm(H) × 8.3μm(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		0.0000025 lx F1.4 (AGC HIGH=41dB, Shutter=x256, γ=0.35, NR=ON)
S/N		More than 52dB (AGC OFF=6dB, γ=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.
		1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000 sec.
	EI	1/50 - 1/100000 sec.
		x256 - 1/100000 sec.
AGC	ON	6 - 30dB (LOW), 6 - 34.5dB (MID), 6 - 41dB (HIGH)
	OFF	—
MGC		6 - 41dB (1dB step)
Gamma characteristics		γ≈0.05 ~ 1.0 (0.05 step), USER (S-curve)
Video level		92.5IRE
Noise reduction		3DNR OFF/ON Level adjustable
Wide dynamic range		D-WDR OFF/ON Level adjustable
Lens iris		Video/DC (EIAJ, Auto-select)
Back light compensation		BLC, HSBL
White blemish correction		Up to 64 pixels
Sharpness		Level adjustable
Defog		—
Digital zoom		ZOOM (x1 - x32), PAN/TILT
Privacy mask		—
Mirror image		OFF, V-FLIP, H-FLIP, HV-FLIP
Freeze		OFF/ON
Motion detection		OFF/ON 4areas arbitrarily configurable
Neg.image		OFF/ON
Interface		BNC (Composite Video), Power in, Auto iris, 3P connector (GPIO)
Power supply		DC+12V±10%
Power consumption		1.38W (115mA)
Operating temperature		-10 - +50℃
Storage temperature		-30 - +70℃
Operating / Storage humidity		95% RH or less (Without condensation)
Lens mount		CS mount (Back focus adjustable)
Weight		Approx. 83g
Accessories		WPDC12 (DC plug), Hex. Wrench, I/O cable

Accessories
Options

