

WAT-910HX/RC 1/2" NIR Sensitivity Camera

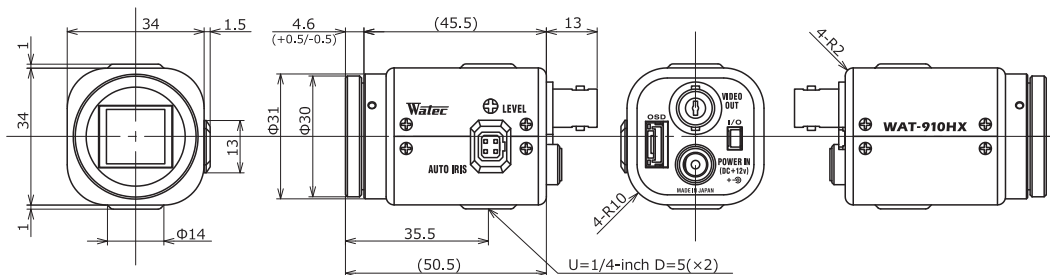
Achieves minimum illumination performance by 1/2-inch high sensitive CCD sensor and our unique circuit design



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 a remote controller provided in kit
- RS-485 and 1/3" available *MTO

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 : Remote controller	
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.
		x256 - 1/100000 sec.
	OFF	6 - 30dB (LOW), 6 - 34.5dB (MID), 6 - 41dB (HIGH)
MGC	6 - 41dB (1dB step)	
Gamma characteristics	$\gamma \approx 0.05 \sim 1.0$ (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, Remote controller (RC-01), 3P connector (GPIO)	
Power supply	DC+12V $\pm$ 10%	
Power consumption	1.38W (115mA)	
Operating temperature	-10 - +50 $^{\circ}$ C	
Storage temperature	-30 - +70 $^{\circ}$ C	
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, RC-01 (Remote controller), I/O cable	

