

WAT-910HX

1/2" Monochrome Ultra High Sensitivity • Dark-Field Camera

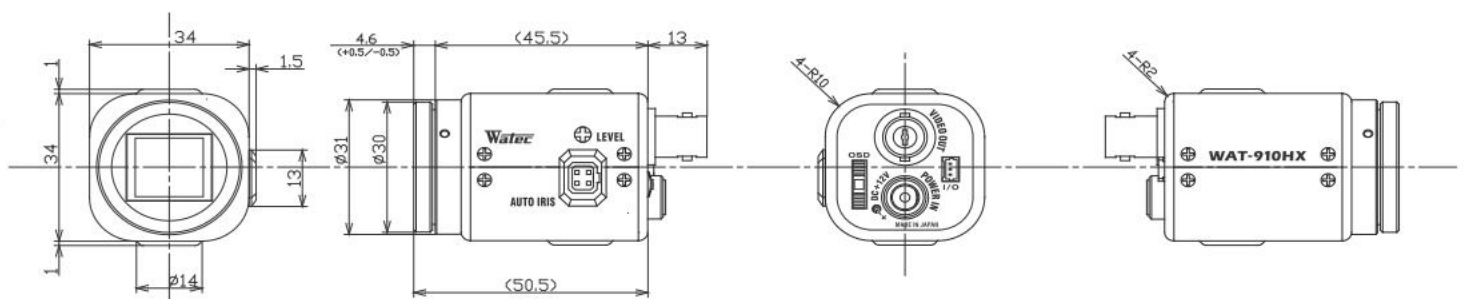
NEW



- Key features:**
- High resolution: more than 570TVL
 - Minimum illumination: 0.000005 lx. F1.4
 - Slow shutter mode: x2 -x256 fields
 - 3D noise reduction

Model (Type)	WAT-910HX(EIA)	WAT-910HX(CCIIR)
Pick-up element	1/2-inch interline transfer CCD image sensor	
Number of total pixels	811(H) × 508(V)	795(H) × 596(V)
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	Composite 1Vp-p 75Ω (Unbalanced)	
Resolution (H)	More than 570TVL (Center)	
Minimum illumination	0.000005lx. F1.4 (Shutter: x256, AGC: HI, γ=0.35)	
S/N	≥ 52dB (AGC=6dB, γ=1.0)	
Function settings	OSD(On Screen Display) operated by operation dial	
Electronic iris	1/60~1/100,000 (sec.)	1/50~1/100,000 (sec.)
	x256(field) *Selectable - 1/100,000 (sec.)	
Electronic shutter	x2, x4, x8, x16, x32, x64, x128, x256 (fields)	
	1/60, 1/100 (sec.)	1/50, 1/120 (sec.)
	1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10,000, 1/100,000 (sec.)	
AGC	LO: 6-30dB / MID: 6-34.5dB / HI: 6-41dB	
	6-41dB(1dB step) *Selectable	
Gamma correction	γ ≈ 0.05-1.00(0.05 step), USER *Selectable	
Noise reduction	3DNR ON *Selectable / OFF	
Wide dynamic range	WDR(Digital Wide Dynamic Range), USER1 / USER2 / OFF	
Motion detection	Max. 4 areas selectable (Output termination available)	
Lens iris	Video/DC(Auto-select)	
Back light compensation	OFF / BLC / HSBLC	
White blemish correction	Up to 64 dots correctable by OSD operation	
Power supply	DC+12V±10%	
Power consumption	1.38W(115mA)	
Operating temperature	-10°C ~ +50°C	
Storage temperature	-30°C ~ +70°C	
Operating/Storage humidity	Less than 95%RH(w/o condensation)	
Lens mount	CS(Back focus adjustable)	
Mass	83g	
Accessories	WPDC12(DC plug), AIC-G(Iris plug), Cable(300mm), Hex. Wrench,	

Dimensions (mm)



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