

WAT-910HX 1/2" NIR Sensitivity Camera

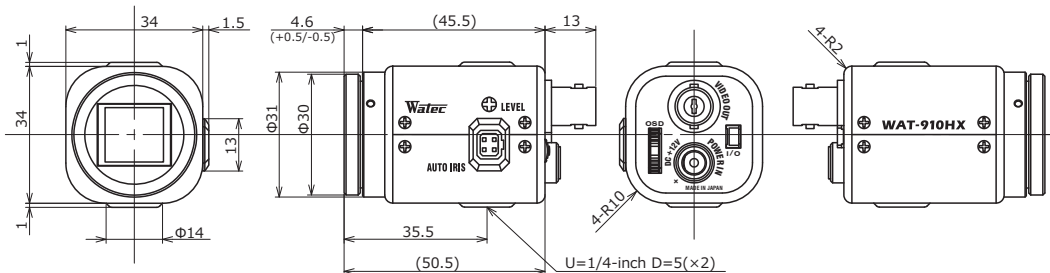
Achieves minimum illumination performance by 1/2-inch high sensitive CCD sensor and our unique circuit design



Key features

- Min. illumination 0.0000025 lx. (F1.4, slow shutter mode: 256 fields)
- High quality image without noise under poor light condition
- 3DNR, digital wide dynamic range and slow shutter
- Motion detection, white blemish correction and back light compensation
- Advanced setting available by OSD (On Screen Display) through jog dial switch on camera

Dimensions

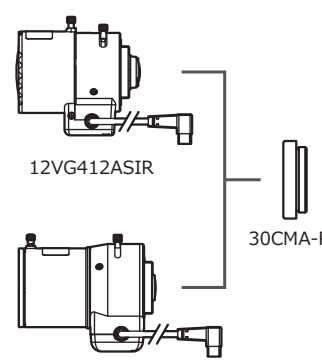


Specifications

Video standard	EIA	CCIR	
Pick-up element	1/2 inch interline transfer CCD image sensor		
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	BNC: Composite video, 1.0 V(p-p), 75Ω (Unbalanced)		
Resolution (H)	More than 570TVL (Center)		
Minimum illumination	0.0000025 lx F1.4 (AGC=HI, γ=0.35, 3DNR ON, Shutter=x256)		
S/N	More than 52dB (AGC=6dB, γ=1.0, 3DNR ON, Shutter=x256)		
Function settings	OSD (On Screen Display) operated by operation dial		
AE mode	Fixed	x2, x4, x8, x16, x32, x64, x128, x256 (field)	
		1/60, 1/100 sec.	1/50, 1/120 sec.
		1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000 sec.	
EI	1/60 - 1/100000 sec.		
	(SENSE-UPMAX) - 1/100000 sec.		
AGC	ON	LO: 6 - 30dB / MID: 6 - 34.5dB / HI: 6 - 41dB	
	OFF	6 - 41dB (MGC)	
Gamma characteristics	γ=0.05 - 0.45 - 1.0 (0.05 step), USER (S-curve)		
Noise reduction	3DNR ON / OFF (Level adjustable)		
Wide dynamic range	D-WDR (Digital Wide Dynamic Range) OFF / USER1 / USER2		
Motion detection	4 areas		
Lens iris	Video / DC		
Back light compensation	OFF / BLC / HSBLC		
White blemish correction	Max 64 dots		
Mirror image	OFF / H-FLIP / V-FLIP / HV-FLIP		
Freeze	ON / OFF		
Digital zoom	ON (x1.0 - x32.0, Magnification selectable) / OFF		
Neg. image	ON / OFF		
Power supply	DC+12V±10%		
Power consumption	1.38W (115mA)		
Operating temperature	-10 - +50°C		
Storage temperature	-30 - +70°C		
Operating / Storage humidity	95% RH or less (Without condensation)		
Lens mount	CS mount (Back focus adjustable)		
Weight	Approx. 85g		
Accessories	WPDC12 (DC plug), AIC-G (Iris plug), Hex. wrench, I/O cable		

Accessories Options

C-mount lenses / Mount adaptors

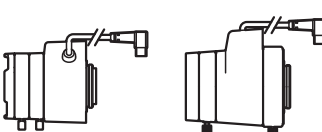


12VG412ASIR

30CMA-R

12VG1040ASIR


CS-mount lenses



HG3Z4512FCS-IR

HG3Z1014FCS

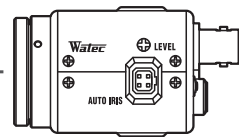
Miniature lenses / Mount adaptors



0814BC-12

28MMA-M12-140

WAT-910HX



VIDEO OUT (BNC)



POWER IN (DC12V)

I/O

Cables



3C2V (BNC/BNC)

BNC



3C2V (BNC/RCA)

RCA



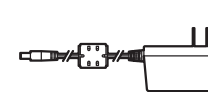
※Not in our lineup

Cable

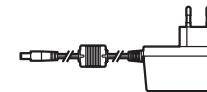


Motion detection
I/O cable (300mm)

Power supply adaptors



SWI12-12-N-P5



SWI12-12-E-P5

Stands



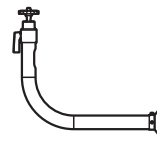
MS50



WH-31



WH-11



WH-21

Water resistant camera housing / Mounting brackets



VCHO-15S



WH-6N



PTP-300