

WAT-902H2 ULTIMATE

1/2" Multi-Function • High Sensitivity Camera

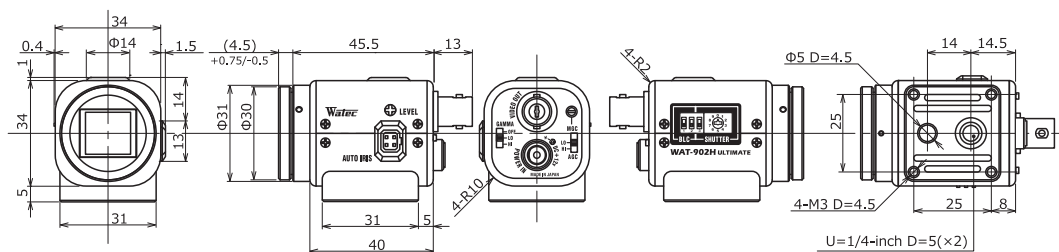
NIR visibility with full camera control



Key features

- Min. illumination 0.0001 lx, F1.4 by NIR sensitive CCD sensor and our unique image signal amplifying circuit
- High quality image without noise under poor light condition
- Signal amplification level configurable up to 60dB and suitable for moving object in low light condition
- Electric iris, electric shutter, AGC, MGC, BLC and gamma
- Adjustable back focus CS mount
- Stability design housing for installation

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		0.0001 lx F1.4 (AGC HIGH=60dB, Shutter=OFF)
S/N		More than 50dB (AGC OFF=5dB, γ=1.0)
Function settings		DIP Switch
AE mode	Fixed	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., 1/120 - 1/100000 sec.
	OFF	5 - 32dB (LOW), 5 - 60dB (HIGH)
MGC		5 - 60dB
Gamma characteristics		γ≈0.35, 0.45, 1.0
Video level		100IRE
Noise reduction		—
Wide dynamic range		—
Lens iris		Video / DC (EIAJ, Auto-select)
Back light compensation		BLC
White blemish correction		—
Sharpness		—
Defog		—
Digital zoom		—
Privacy mask		—
Mirror image		—
Freeze		—
Motion detection		—
Neg.image		—
Interface		BNC (Composite Video), Power in, Auto iris
Power supply		DC+12V±10%
Power consumption		1.32W (110mA)
Operating temperature		-10 - +40°C
Storage temperature		-30 - +70°C
Operating / Storage humidity		95% RH or less (Without condensation)
Lens mount		CS mount (Back focus adjustable)
Weight		Approx. 98g
Accessories		WPDC12 (DC plug), Hex, Wrench

Options

