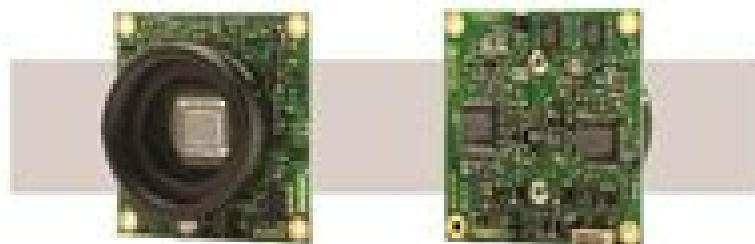


WAT-902HB2S 1/2" High Sensitivity Board Camera

NIR sensitivity with multi function

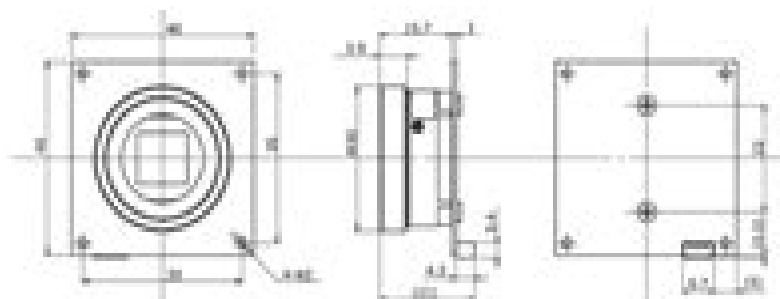


100 CE & FCC

Key Features

- Equally performance on NIR sensitivity and features to WAT-902H series
- Selectable camera settings for demanding scene conditions
- Electric iris, electric shutter, AGC, BLC and gamma switching

Dimensions



Specifications

Video standard		SD	CCD
Pixel size		1/2 inch mapping transfer 1/2 inch image sensor	
Number of effective pixels		752(H) x 582(V)	752(H) x 582(V)
Still resolution		6.4(Mpx) x 4.8(Mpx)	6.4(Mpx) x 4.8(Mpx)
Transforming system		Internal	
Scanning system		2:1 Interlace	
Video output		Composite video, 1.0 V(p-p) 75Ω (unbalanced)	
Resolution (H)		More than 5.0(MHz, 1/2 inch)	
Minimum Illumination		0.0001 lx (FLA 2400, 4000-6000, Shutter=OFF)	
S/N		More than 50dB (AGC OFF=0dB, γ=1.0)	
Function settings		EEPROM	
AF mode	Fixed	1.0M, 1.0/1.0M sec	1.0M, 1.0/1.0M sec
	SI	0.00M, 0.00M, 0.00M, 0.00M, 0.00M, 0.00M, 0.00M sec	0.00M - 0.00M sec
AGC	ON	0 - 50dB (0.00M, 0 - 50dB (0.00M)	
	OFF	0dB	
BLC		ON	
Gamma characteristics		γ=0.45, 1.0	
Video size		1080H	
Noise reduction		ON	
Auto dynamic range		ON	
Lens iris		Video	
Back light compensation		ON	
White balance correction		ON	
Shutter		ON	
Shifing		ON	
Digital zoom		ON	
Picture mode		ON	
Mirror image		ON	
Frame		ON	
Motion detection		ON	
Reg. image		ON	
Interface		AF interface (Composite video, Power 5V)	
Power supply		DC + 5.0V (20%)	
Power consumption		1.0W (average)	
Operating temperature		-10 ~ +40°C	
Storage temperature		-20 ~ +70°C	
Operating / Storage humidity		90% RH or less (without condensation)	
Lens mount		C/4 Mount	
Weight		Approx. 10g	
Accessories		AF cable, Lens, Bracket	

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Y. Konnov



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