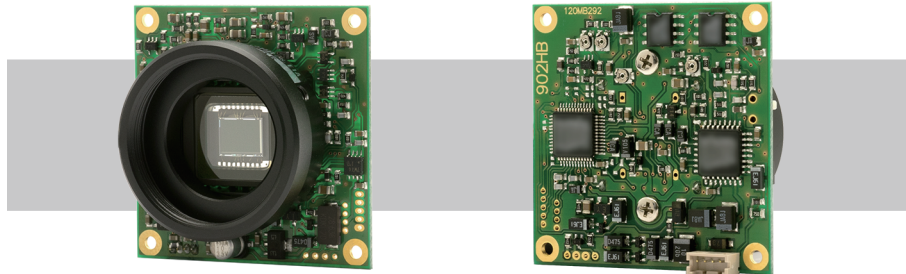


WAT-902HB3S 1/3" High Sensitivity Board Camera

NIR sensitivity with multi function

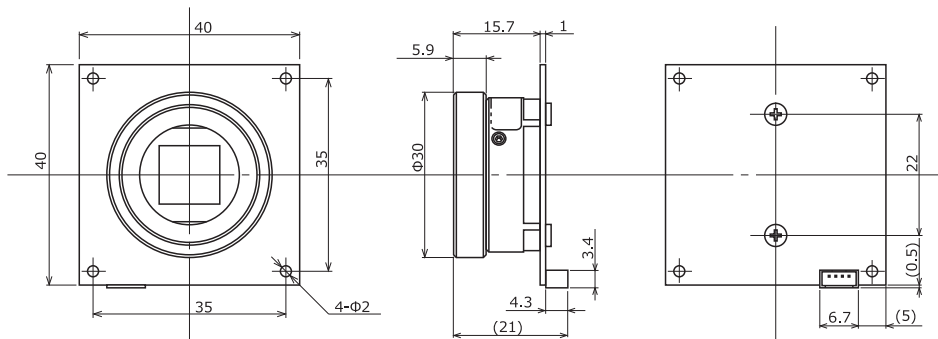


*NO CE & FCC

Key features

- Equality 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



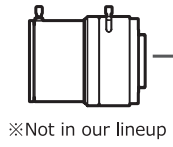
Specifications

Video standard	EIA	
Pick-up element	1/3 inch interline transfer CCD image sensor	
Number of effective pixels	768(H) × 494(V)	
Unit cell size	6.35μm(H) × 7.4μm(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	0.0006 lx F1.4 (AGC HIGH=50dB, Shutter=OFF)	
S/N	More than 50dB (AGC OFF=5dB, γ=1.0)	
Function settings	DIP Switch	
AE mode	Fixed	1/60, 1/100 sec.
	EI	1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000 sec.
AGC	ON	5 - 32dB (LOW), 5 - 50dB (HIGH)
	OFF	5dB
MGC	-	
Gamma characteristics	γ≒0.45, 1.0	
Video level	100IRE	
Noise reduction	-	
Wide dynamic range	-	
Lens iris	Video	
Back light compensation	BLC	
White blemish correction	-	
Sharpness	-	
Defog	-	
Digital zoom	-	
Privacy mask	-	
Mirror image	-	
Freeze	-	
Motion detection	-	
Neg.image	-	
Interface	4P connector (Composite Video, Power in)	
Power supply	DC+12V±10%	
Power consumption	1.92W (160mA)	
Operating temperature	-10 - +40°C	
Storage temperature	-30 - +70°C	
Operating / Storage humidity	95% RH or less (Without condensation)	
Lens mount	CS mount	
Weight	Approx. 30g	
Accessories	4P cable, Hex. Wrench	

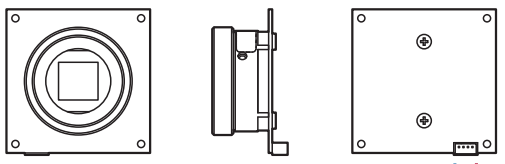
Accessories
 Options

WAT-902HB3S

CS-mount lenses



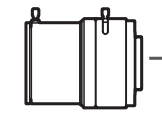
※Not in our lineup



Miniature lenses / Mount adaptors

3745B-13P	22PMA-M13-040	
2520BC-12	0814BC-12	
2920BC-12	1220BC-12	
3820BC-12	M1625BC-12	22PMA-M12-125
0625BC-12	2540EX014-M12	
0820BC-12		

C-mount lenses



※Not in our lineup

Cable with connectors

CB-02

Cable

4P cable (300mm)

Power supply adaptors

SWI12-12-N-P5

SWI12-12-E-P5

Cables

1.5C2V (BNC/BNC)

3C2V (BNC/BNC)

3C2V (BNC/RCA)

VIDEO OUT (BNC)

VIDEO OUT (BNC)

VIDEO OUT (RCA)



※Not in our lineup

VIDEO OUT

POWER IN (DC+5-12V)

POWER IN (DC+12V)