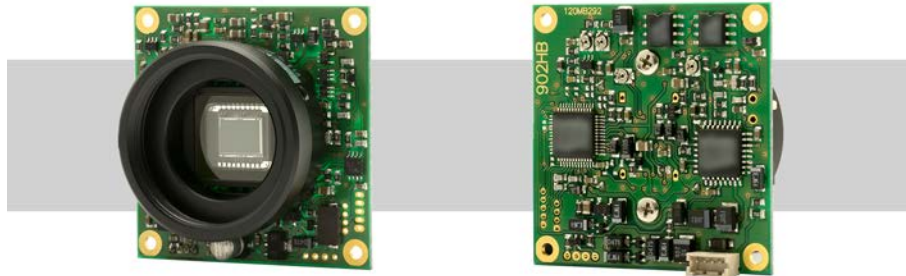


WAT-902HB3S 1/3" High Sensitivity Board Camera

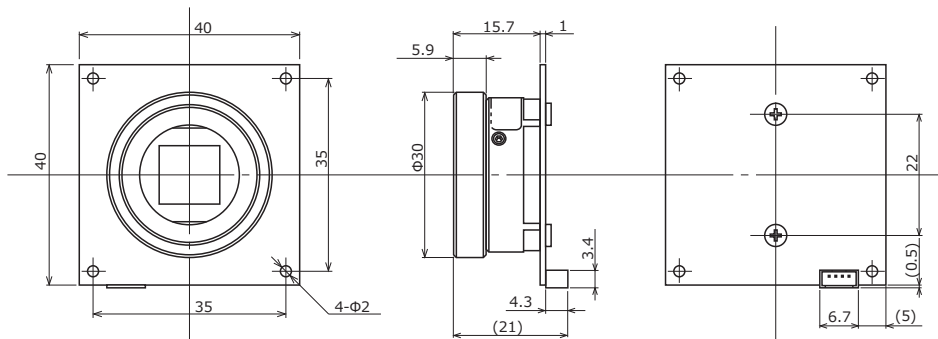
NIR sensitivity with multi function



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



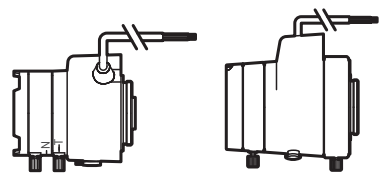
Specifications

Video standard	EIA	CCIR
Pick-up element	1/3 inch interline transfer CCD image sensor	
Number of effective pixels	768(H) × 494(V)	752(H) × 582(V)
Unit cell size	6.35μm(H) × 7.4μm(V)	6.5μm(H) × 6.25μm(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=HI)	
S/N	More than 50dB (AGC=5dB, γ=1.0)	
AE mode	Fixed	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. / 1/50 - 1/100000 sec.
AGC	ON	HI: 5 - 50dB / LO: 5 - 32dB
	OFF	5 dB
Gamma characteristics	γ≒0.45 (ON) / γ≒1.0 (OFF)	
Lens iris	Video	
Back light compensation	ON (Center + Under) / OFF	
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	Hex. wrench, 4P cable	

Accessories
 Options

WAT-902HB3S

CS-mount lenses



HG2Z4516AFCS-2 HG3Z1014AFCS

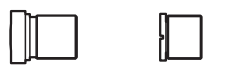
Miniature lenses / Mount adaptors



3745B-13P 22PMA-M13-040



2520BC-12 0820BC-12



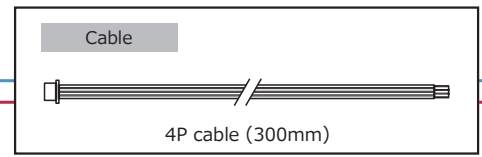
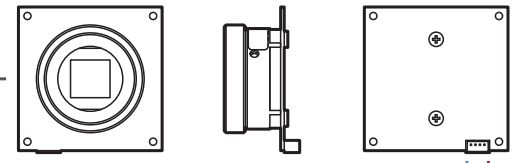
2920BC-12 1220BC-12



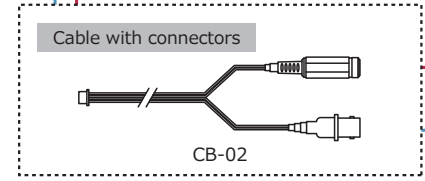
3820BC-12 0814BC-12



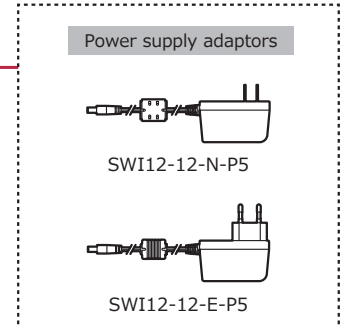
0625BC-12 2540EX014-M12



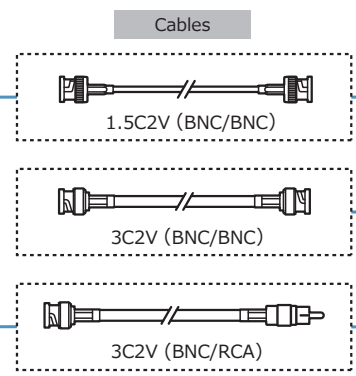
VIDEO OUT
POWER IN (DC12V)



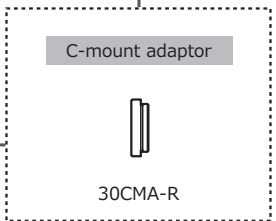
Cable with connectors
CB-02



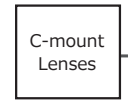
Power supply adaptors
SWI12-12-N-P5
SWI12-12-E-P5



Cables
1.5C2V (BNC/BNC)
3C2V (BNC/BNC)
3C2V (BNC/RCA)



C-mount adaptor
30CMA-R



C-mount Lenses
※Not in our lineup

VIDEO OUT (BNC)
VIDEO OUT (RCA)



Monitor
※Not in our lineup