

WAT-231S2 1/3" High Sensitivity Camera

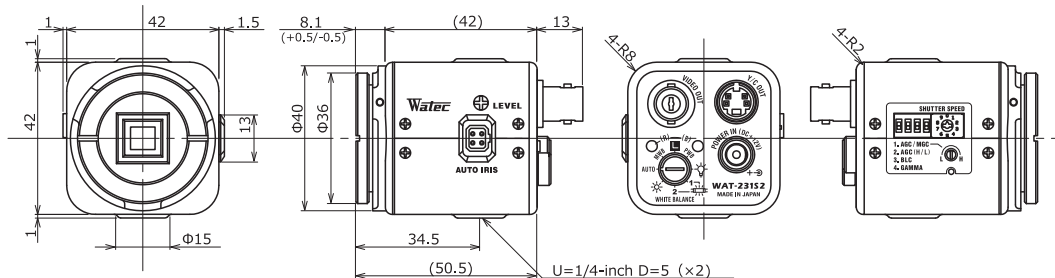
Multi-function and high-performance model



Key features

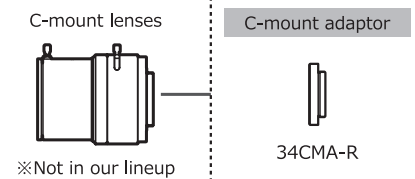
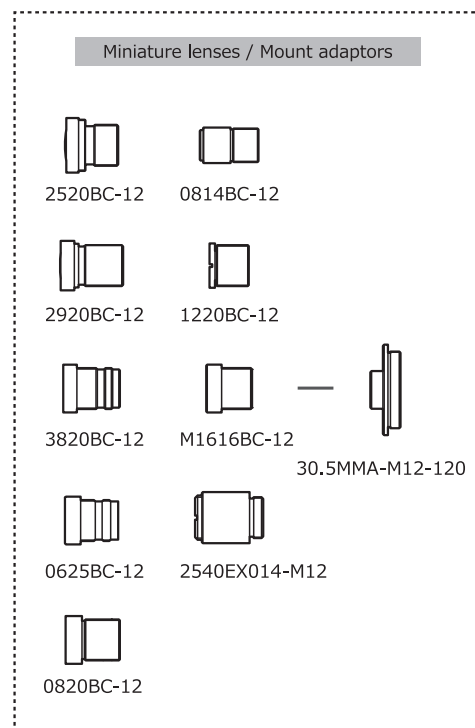
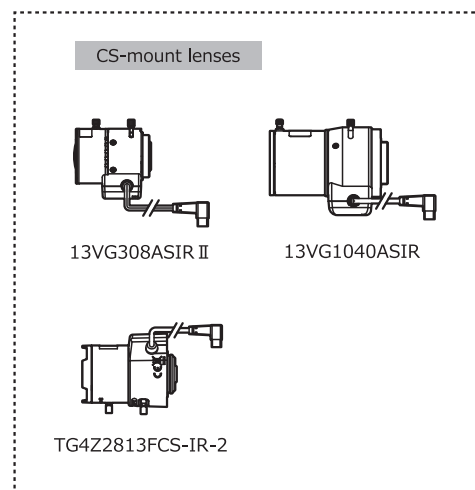
- 1/3-inch CCD sensor with high sensitivity 0.02 lx F1.2 and resolution 540TVL
- Versatile use for general surveillance, microscope application and embedded system
- Flicker suppression electric iris controls flicker and exposure at the same time
- White balance, white blemish correction, back light compensation

Dimensions



Specifications

		NTSC	PAL
Video standard		1/3 inch interline transfer CCD image sensor	
Pick-up element		768(H) × 494(V)	
Number of effective pixels		6.35μm(H) × 7.4μm(V)	
Unit cell size		6.5μm(H) × 6.25μm(V)	
Imaging system		Ye, Cy, Mg, and G complementary color mosaic filters on chip	
Synchronizing system		Internal	
Scanning system		2:1 interface	
Video outputs		Composite: 1.0 V(p-p) 75Ω (Unbalanced)	
		Y/C OUT : Y: 1.0V(p-p), C: 0.3V(p-p) 75Ω	
Resolution (H)		More than 540TVL (Center)	
Minimum illumination		0.02 lx F1.2 (AGC HIGH=38dB, Shutter=OFF)	
S/N		More than 50dB (AGC OFF=0dB, γ=1.0)	
Function settings		DIP Switch	
AE mode	Fixed	1/60, 1/100 sec.	1/50, 1/120 sec.
	EI	1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec.	1/50 - 1/100000 sec.
White balance		ATW, PWB, MWB, PRESET (3200K, 4300K, 5100K, 6300K)	
AGC	ON	0 - 32dB (LOW), 0 - 38dB (HIGH)	
	OFF	0dB	
MGC		0 - 32dB	
Day/Night		—	
Gamma characteristics		γ≈0.45, 1.0	
Video level		100IRE	95IRE
Noise reduction		—	
Wide dynamic range		—	
Lens iris		Video / DC (EIA), Auto-select	
Back light compensation		BLC	
White blemish correction		Up to 32 pixels	
Sharpness		—	
Defog		—	
Digital zoom		—	
Privacy mask		—	
Mirror image		—	
Freeze		—	
Motion detection		—	
Neg.image		—	
Interface		BNC (Composite Video), Y/C OUT, Power in	
Power supply		DC+12V±10%	
Power consumption		1.92W (160mA)	
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. 140g	
Accessories		WPDC12 (DC plug), AIC-G (Iris plug), Hex. wrench	



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VIDEO OUT (BNC)

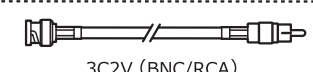
VIDEO OUT (Y/C)

POWER IN (DC12V)

Cables



BNC



RCA



Y/C

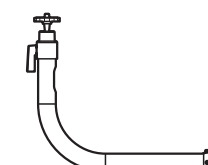
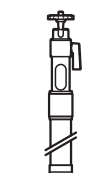


※Not in our lineup

Power supply adaptors



Stands



Water resistant camera housing / Mounting brackets

