

WAT-230V2 (G3.7) 1/4" Miniature Color Camera

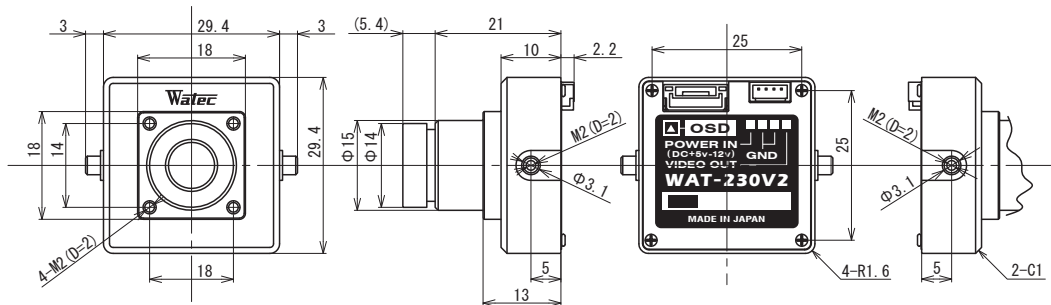
Ultra-small design for easy installation and limited space



Key features

- High resolution of 650TVL with high sensitivity 0.1 lx F1.8
- 2DNR, privacy masking, BLC (Back light Compensation) / HLC (Highlight Compensation)
- Mirror image, white blemish correction, contour correction
- Wide range power supply (DC+4.6 ~ +14V)
- Advanced setting available by OSD (On screen display) through an optional controller
- Various optional M12 lenses available

Dimensions



Specifications

		NTSC	PAL
Video standard		NTSC	PAL
Pick-up element		1/4 inch interline transfer CCD image sensor	
Number of total pixels		1020(H) × 508(V)	1020(H) × 596(V)
Number of effective pixels		976(H) × 494(V)	976(H) × 582(V)
Unit cell size		3.75 μm(H) × 5.56 μm(V)	3.75 μm(H) × 4.69 μm(V)
Imaging system		Ye, Cy, Mg, and G complementary color mosaic filters on chip	
Synchronizing system		Internal	
Scanning system		2:1 interlace	
Video output		Composite video, 1.0 V(p-p), 75 Ω (Unbalanced)	
Resolution (H)		More than 650TVL (Center)	
Minimum illumination		0.1 lx F1.8	
S/N		More than 50dB	
Function settings		OSD(On Screen Display) operated by optional remote controller	
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.	
White balance		1/60 ~ 1/100000 sec.	1/50 ~ 1/100000 sec.
AGC		ATW, PUSH, USER1, USER2, ANTI CR, MANUAL, PUSH LOCK	
MGC	ON	0 ~ 45dB	
	OFF	0dB	
Gamma characteristics		8 steps (Selectable)	
Noise reduction		$\gamma \approx 0.45$	
Back light compensation		2DNR ON / OFF	
White blemish correction		OFF / BLC / HLC	
Privacy mask		Max 64 dots	
Mirror image		8 masks	
Video level		ON (H-FLIP) / OFF	
Setup level		0 ~ 255 (BRIGHTNESS)	
Output switching		7.5 IRE	0 IRE
Sharpness		AUTO / COLOR / BW	
Power supply		0 ~ 255 (SHARPNESS)	
Power consumption		DC+4.6V ~ +14V	
Operating temperature		0.775W/155mA (DC+5V), 0.75W/125mA (DC+6V), 0.78W/65mA (DC+12V)	
Storage temperature		-10 ~ +50°C	
Operating / Storage humidity		-30 ~ +70°C	
Lens mount		95% RH or less (Without condensation)	
Standard lens		M12 P=0.5	
Cable length		M3718BC-12 (f3.7 F1.8)	
Weight		300mm	
Accessory		Approx. 35g	
		4P cable	

