

WAT-250D2 1/3" Compact and High Sensitivity Camera

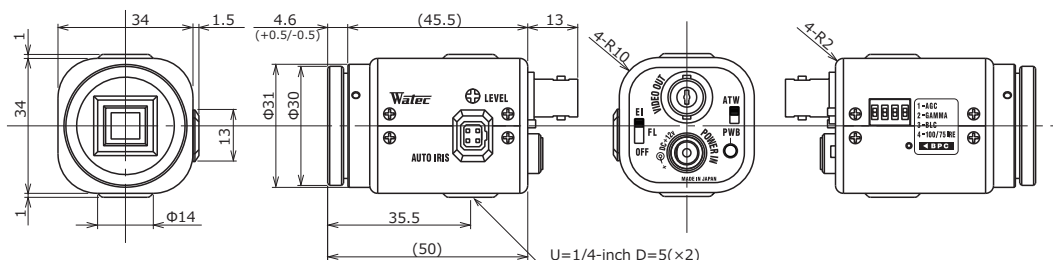
Compact design with all the necessary features inside



Key features

- Min. illumination 0.02 lx F1.2 (AGC ON=38dB, Shutter=OFF)
- Color-rollingless AWB mode under fluorescent light
- Versatile use for general surveillance, embedded system and part of image processing system
- Flicker suppression electric Iris controls flicker and exposure at the same time
- Selectable white balance and video level, back light compensation & white blemish correction

Dimensions



Specifications

		NTSC	PAL
Video standard		NTSC	
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)
Imaging system		Ye, Cy, Mg, and G complementary color mosaic filters on chip	
Synchronizing system		Internal	
Scanning system		2:1 interlace	
Video output		Composite: 1.0 V(p-p) 75Ω (Unbalanced)	
Resolution (H)		More than 540TVL (Center)	
Minimum illumination		0.02 lx F1.2 (AGC ON=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	1/60 - 1/100000 sec.	1/50 - 1/100000 sec.
White balance		ATW, PWB	
AGC	ON	0 - 38dB	
	OFF	0dB	
MGC		—	
Day/Night		—	
Gamma characteristics		γ≈0.45, 1.0	
Video level		75IRE, 100IRE	
Noise reduction		—	
Wide dynamic range		—	
Lens iris		Video / DC (EIAJ, 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), Power in	
Power supply		DC+12V±10%	
Power consumption		1.74W (145mA)	
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. 86g	
Accessories		WPDC12 (DC plug), AIC-G (Iris plug), Hex. wrench	

