

WAT-600CX 1/3" One-cable System High Sensitivity Color Camera

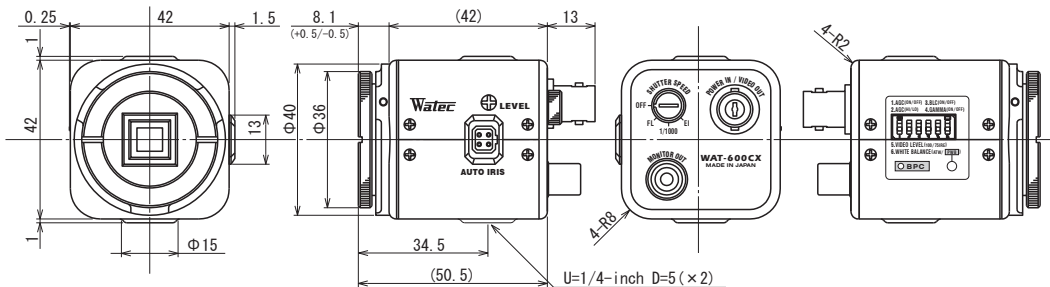
Coaxial video transmission system makes CCTV installation much easier



Key features

- Achieves high sensitivity of 0.02 lx F1.2 with a resolution of 540TVL
- RCA video out for checking image at construction stage
- Color-rollingless AWB mode under fluorescent light
- Flicker suppression electric Iris controls flicker and exposure at the same time
- Selectable white balance and video level, back light compensation and white blemish correction

Dimensions



Specifications

Video standard		NTSC	PAL
Pick-up element		1/3 inch interline transfer CCD image sensor	
Number of total pixels		811(H) × 508(V)	795(H) × 596(V)
Number of effective pixels		768(H) × 494(V)	752(H) × 582(V)
Unit cell size		6.35 μm(H) × 7.4 μm(V)	6.5 μm(H) × 6.25 μm(V)
Imaging system		Ye, Cy, Mg, and G complementary color mosaic filters on chip	
Synchronizing system		Internal	
Scanning system		2:1 interlace	
Video outputs	BNC	VIDEO OUT/POWER IN	
	RCA	Monitor out: Composite video, 1.0 V(p-p) 75 Ω (Unbalanced)	
Resolution (H)		More than 540TVL (Center)	
Minimum illumination		0.02 lx F1.2 (AGC=HI)	
S/N		More than 50dB (AGC=0dB, γ=1.0)	
AE mode	Fixed	1/60, 1/100 sec.	1/50, 1/120 sec.
	EI	1/1000 sec.	
White balance		1/60 - 1/100000 sec. (Flicker suppression)	
White balance		1/50 - 1/100000 sec. (Flicker suppression)	
White balance		ATW (Color rolling suppression), PWB	
AGC	ON	HI: 0 - 38dB / LO: 0 - 32dB	
	OFF	0dB	
Gamma characteristics		γ ≈ 0.45 (ON) / γ = 1.0 (OFF)	
Video level		100 IRE / 75 IRE	
Lens iris		Video / DC (EIAJ, Auto-select)	
Back light compensation		ON / OFF	
White blemish correction		Max 32 dots	
Power supply		DC+15V	
Power consumption		3.3W (220mA) ※ 3C-2V 150m	
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)	
Maximum cable length		3C-2V=150m	
Weight		Approx. 140g	
Accessories		Receiver (WAT- 400RX), AC Adaptor, DC conversion plug, AIC-G (Iris plug), Hex. wrench	

