

WAT-240E/CB (G3.8)

1/4" Miniature Color camera

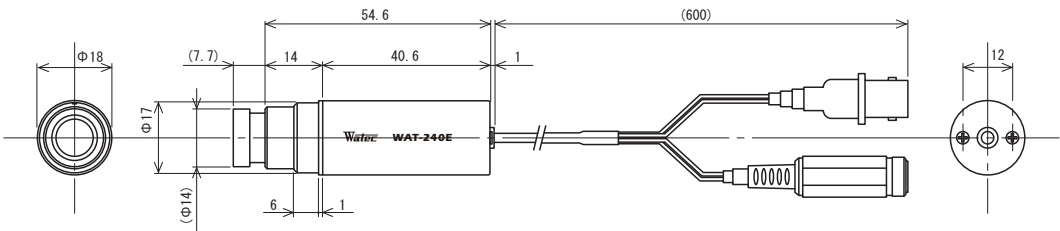
Compact cylindrical camera with Built-in lens & BNC output



Key features

- Improved resolution of 480TVL with sensitivity 0.3 lx F2.0
- Versatile use for limited space, general surveillance, embedded system and part of image processing system
- AWB, Electric Iris, AGC and BLC
- Various Optional M12 lenses available

Dimensions



Specifications

Video standard	NTSC	PAL
Pick-up element	1/4 inch CMOS image sensor	
Number of total pixels	652(H) × 504(V)	
Number of effective pixels	648(H) × 488(V)	
Unit cell size	5.6 μm × 5.6 μm	
Imaging system	RGB primary color bayer arrangement mosaic filters on chip	
Synchronizing system	Internal	
Scanning system	Progressive	
Video output	BNC: Composite video, 1.0 V(p-p), 75 Ω (Unbalanced)	
Resolution (H)	More than 480TVL (Center)	
Minimum illumination	0.3lx F2.0 (AGC ON=42dB)	
S/N	More than 52dB (AGC=0dB, γ=1.0)	
AE mode	1/60 - 1/100000 sec.	1/50 - 1/100000 sec.
White balance	ATW (2500K - 9000K)	
AGC	0 - 42dB	
Gamma characteristics	γ ≒ 0.45	
Video level	85IRE	
Back light compensation	ON	
Power supply	DC+4.6V - 6.6V	
Power consumption	0.66W / 110mA (6V)	
Operating temperature	-10 - +50°C	
Storage temperature	-30 - +70°C	
Operating / Storage humidity	95% RH or less (Without condensation)	
Lens mount	M12 P=0.5	
Standard lens	3820BC-12 (f3.8 F2.0)	
Cable length	330mm	
Weight	Approx. 33g	
Accessories	Camera holder	

Accessories Options

