

WAT-240E/CB (G3.8) 1/4" Miniature Camera

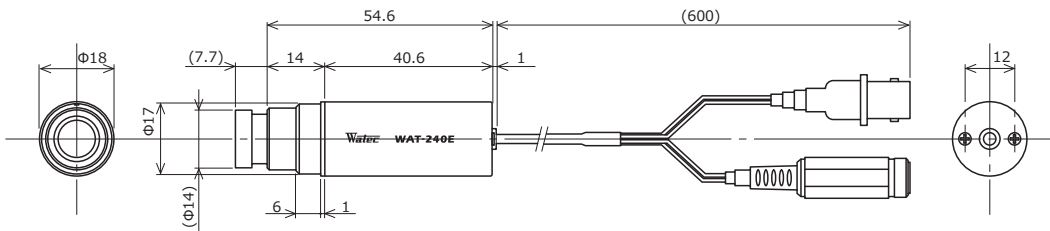
Compact cylindrical camera with Built-in lens & BNC output



Key features

- Resolution of 480TVL
- Versatile use for limited space, general surveillance, embedded system and part of image processing system
- Various Optional M12 lenses available ※Glass lenses and pinhole lens are not interchangeable

Dimensions



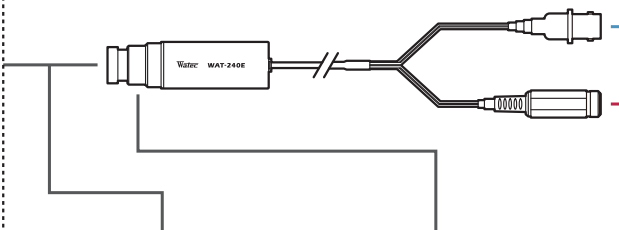
Specifications

| | | NTSC | PAL |
|------------------------------|-------|--|----------------------|
| Video standard | | NTSC | PAL |
| Pick-up element | | 1/4 inch CMOS image sensor | |
| Number of effective pixels | | 648(H) × 488(V) | |
| Unit cell size | | 5.6μm(H) × 5.6μm(V) | |
| Imaging system | | RGB primary color bayer arrangement mosaic filters on chip | |
| Synchronizing system | | Internal | |
| Scanning system | | Progressive | |
| Video output | | Composite: 1.0 V(p-p) 75Ω (Unbalanced) | |
| Resolution (H) | | More than 480TVL (Center) | |
| Minimum illumination | | 0.3 lx F2.0 (AGC ON=42dB, Shutter=OFF) | |
| S/N | | More than 52dB (AGC OFF=0dB, γ=1.0) | |
| Function settings | | - | |
| AE mode | Fixed | - | |
| | EI | 1/60 - 1/100000 sec. | 1/50 - 1/100000 sec. |
| White balance | | ATW | |
| AGC | ON | 0 - 42dB | |
| | OFF | - | |
| MGC | | - | |
| Day/Night | | - | |
| Gamma characteristics | | γ≈0.45 | |
| Video level | | 85IRE | |
| Noise reduction | | - | |
| Wide dynamic range | | - | |
| Lens iris | | - | |
| Back light compensation | | BLC | |
| White blemish correction | | - | |
| Sharpness | | - | |
| Defog | | - | |
| Digital zoom | | - | |
| Privacy mask | | - | |
| Mirror image | | - | |
| Freeze | | - | |
| Motion detection | | - | |
| Neg.image | | - | |
| Interface | | BNC (Composite Video), Power in | |
| Power supply | | DC+5V - 6V | |
| Power consumption | | 0.66W/110mA (DC+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 | | 600mm | |
| Weight | | Approx. 33g | |
| Accessories | | Ring holder | |

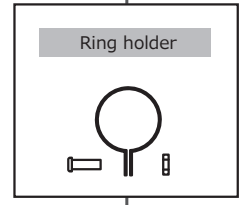
Accessories Options

- Miniature lenses**
- 2520BC-12
 - 2920BC-12
 - 3820BC-12 (Standard)
 - 0625BC-12
 - 0820BC-12
 - 1220BC-12
 - M1616BC-12
 - 2540EX014-M12

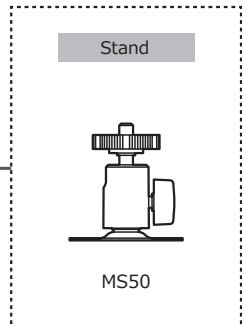
WAT-240E/CB (G3.8)



- Extenders**
- EX005-M12-2
 - EX010-M12-2



- Holder**
- H002



Cables

- 1.5C2V (BNC/BNC)
- 3C2V (BNC/BNC)
- 3C2V (BNC/RCA)

- Power supply adaptors**
- SWI6-5.9-N-P13
 - SWI6-5.9-E-P13

VIDEO OUT (BNC)

POWER IN (DC5-6V)

VIDEO OUT (BNC)

VIDEO OUT (RCA)



※Not in our lineup