

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

Function setting controllable WAT-240E

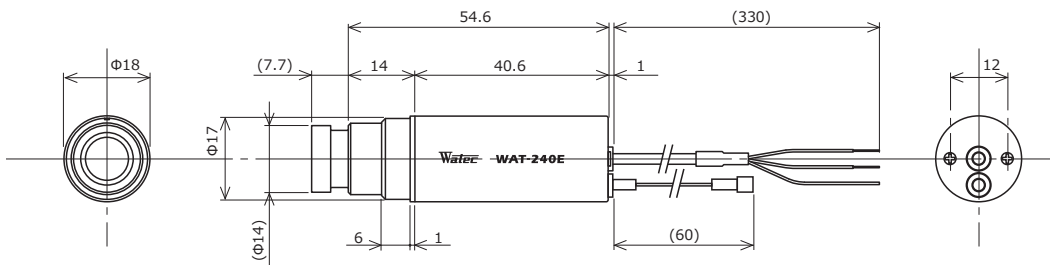


※No CE & FCC

## Key features

- Function settings can be adjusted by the users with application of the AVM-USB2 (Option)
- Versatile application for the miniature size and the shape
- Resolution 480 TVL
- Various lenses available (M12)
- Pinhole lens (P3.7) and BNC output (CB) versions available

## Dimensions



## Specifications

| 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 × 5.6μm  |                      |
| Imaging system               | RGB primary color bayer arrangement mosaic filters on chip |                      |
| Synchronizing system         | Internal   |                      |
| Scanning system              | Progressive  |                      |
| Video output                 | Composite video, 1.0 V(p-p), 75Ω (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+5V - 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 (Power, Video) / 60mm (AVM-USB2)                     |                      |
| Weight                       | Approx. 26g  |                      |
| Accessories                  | Ring holder  |                      |

Accessories Options

