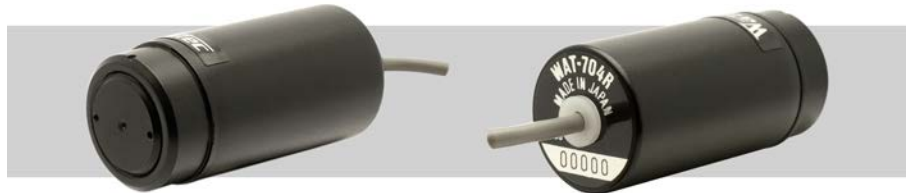


# WAT-704R (P3.7) 1/4" Miniature Camera

Compact cylindrical camera with built-in lens

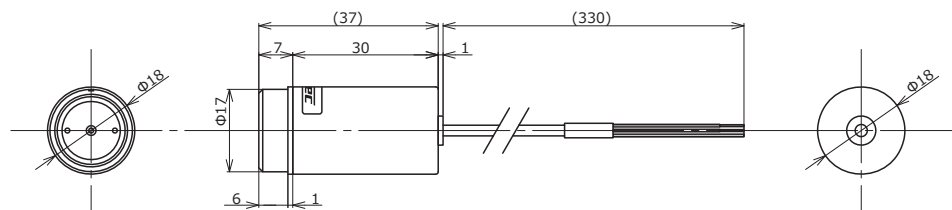


## Key features

- Versatile use for limited space, general surveillance, embedded system
- Electric iris, AGC and BLC

※Glass lenses and pinhole lens are not interchangeable

## Dimensions



## Specifications

|                              |       | EIA  | CCIR                 |
|------------------------------|-------|--|----------------------|
| Video standard               |       | EIA  | CCIR                 |
| Pick-up element              |       | 1/4 inch interline transfer CCD image sensor |                      |
| Number of effective pixels   |       | 510(H) × 492(V)                              | 500(H) × 582(V)      |
| Unit cell size               |       | 7.15μm(H) × 5.55μm(V)                        | 7.3μm(H) × 4.7μm(V)  |
| Synchronizing system         |       | Internal                                     |                      |
| Scanning system              |       | 2:1 interlace                                |                      |
| Video output                 |       | Composite video, 1.0 V(p-p) 75Ω (Unbalanced) |                      |
| Resolution (H)               |       | More than 380TVL (Center)                    |                      |
| Minimum illumination         |       | 0.45 lx F4.5 (AGC ON=32dB, Shutter=OFF)      |                      |
| S/N                          |       | More than 46dB (AGC OFF=5dB, γ=1.0)          |                      |
| Function settings            |       | -  |                      |
| AE mode                      | Fixed | -  |                      |
|                              | EI    | 1/60 - 1/100000 sec.                         | 1/50 - 1/100000 sec. |
| AGC                          | ON    | 5 - 32dB                                     |                      |
|                              | OFF   | -  |                      |
| MGC                          |       | -  |                      |
| Gamma characteristics        |       | γ≈0.45                                       |                      |
| Video level                  |       | 100IRE                                       |                      |
| 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                    |       | 3P cable (Composite Video, Power in)         |                      |
| Power supply                 |       | DC+9V±10%                                    |                      |
| Power consumption            |       | 0.95W (105mA)                                |                      |
| Operating temperature        |       | -10 - +40°C                                  |                      |
| Storage temperature          |       | -30 - +70°C                                  |                      |
| Operating / Storage humidity |       | 95% RH or less (Without condensation)        |                      |
| Lens mount                   |       | M13 P=1.0                                    |                      |
| Standard lens                |       | 3745B-13P (f3.7 F4.5)                        |                      |
| Cable length                 |       | 330mm  |                      |
| Weight                       |       | Approx. 18g                                  |                      |
| Accessories                  |       | Ring holder                                  |                      |

Accessories Options

