

WAT-902H2 ULTIMATE 1/2" Multi-Function · High Sensitivity Camera

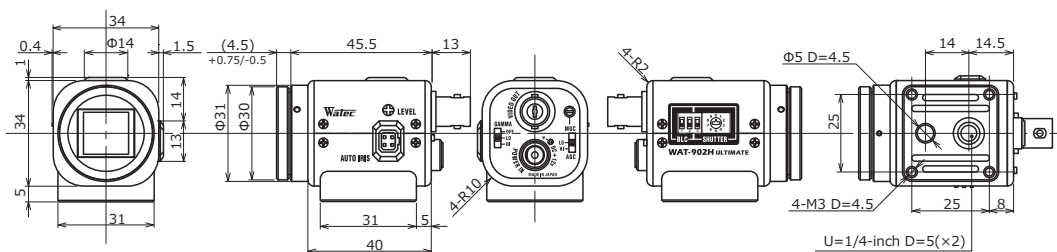
NIR visibility with full camera control



Key features

- Min. illumination 0.0001 lx. F1.4 by NIR sensitive CCD sensor and our unique image signal amplifying circuit
- High quality image without noise under poor light condition
- Signal amplification level configurable up to 60dB and suitable for moving object in low light condition
- Electric iris, electric shutter, AGC, MGC, BLC and gamma
- Adjustable back focus CS mount
- Stability design housing for installation

Dimensions

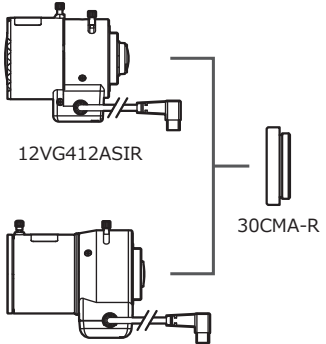


Specifications

| Video standard | | EIA | CCIR |
|------------------------------|-------|--|---|
| Pick-up element | | 1/2 inch interline transfer CCD image sensor | |
| Number of effective pixels | | 768(H) × 494(V) | 752(H) × 582(V) |
| Unit cell size | | 8.4μm(H) × 9.8μm(V) | 8.6μm(H) × 8.3μm(V) |
| Synchronizing system | | Internal | |
| Scanning system | | 2:1 interlace | |
| Video output | | Composite video, 1.0 V(p-p) 75Ω (Unbalanced) | |
| Resolution (H) | | More than 570TVL (Center) | |
| Minimum illumination | | 0.0001 lx F1.4 (AGC HIGH=60dB, Shutter=OFF) | |
| S/N | | More than 50dB (AGC OFF=5dB, γ=1.0) | |
| Function settings | | DIP Switch | |
| AE mode | Fixed | 1/60, 1/100 sec. | 1/50, 1/120 sec. |
| | EI | 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000 sec. | 1/50 - 1/100000 sec., 1/120 - 1/100000 sec. |
| AGC | ON | 5 - 32dB (LOW), 5 - 60dB (HIGH) | |
| | OFF | - | |
| MGC | | 5 - 60dB | |
| Gamma characteristics | | γ≈0.35, 0.45, 1.0 | |
| Video level | | 100IRE | |
| Noise reduction | | - | |
| Wide dynamic range | | - | |
| Lens iris | | Video / DC (EIAJ, Auto-select) | |
| 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, Auto iris | |
| Power supply | | DC+12V±10% | |
| Power consumption | | 1.32W (110mA) | |
| Operating temperature | | -10 - +40°C | |
| Storage temperature | | -30 - +70°C | |
| Operating / Storage humidity | | 95% RH or less (Without condensation) | |
| Lens mount | | CS mount (Back focus adjustable) | |
| Weight | | Approx. 98g | |
| Accessories | | WPDC12 (DC plug), AIG-G (Iris plug), Hex. Wrench | |

Options

C-mount lenses / Mount adaptors

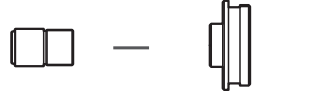


12VG412ASIR

30CMA-R

12VG1040ASIR


Miniature lenses / Mount adaptors



0814BC-12

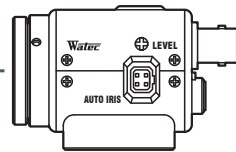
28MMA-M12-140

CS-mount lenses



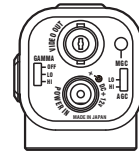
※Not in our lineup

WAT-902HZ ULTIMATE

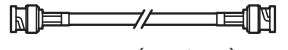


VIDEO OUT (BNC)

POWER IN (DC12V)

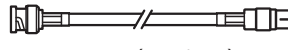


Cables



3C2V (BNC/BNC)

BNC



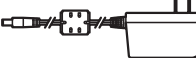
3C2V (BNC/RCA)

RCA

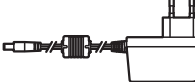


※Not in our lineup

Power supply adaptors



SWI12-12-N-P5



SWI12-12-E-P5

Stands



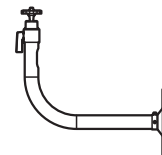
MS50



WH-31



WH-11



WH-21

Water resistant camera housing / Mounting brackets



VCHO-15S



WH-6N



PTP-300