

WAT-910HX/RC 1/2" NIR Sensitivity Camera

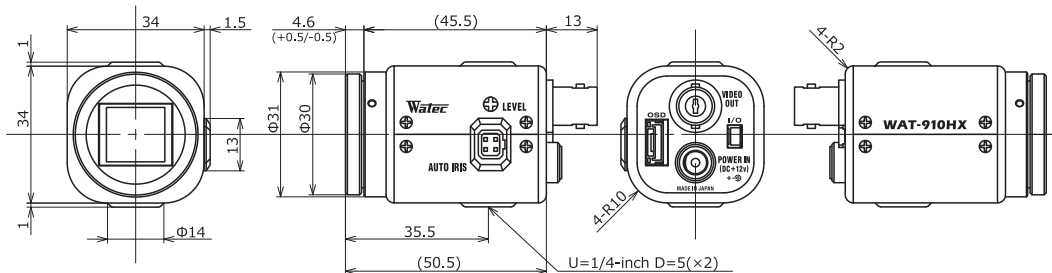
Achieves minimum illumination performance by 1/2-inch high sensitive CCD sensor and our unique circuit design



Key features

- Min. illumination 0.000025 lx F1.4 (AGC HIGH=41dB, Shutter=x256, $\gamma=0.35$, NR=ON)
- High quality image without noise under poor light condition
- Advanced setting available by OSD (On Screen Display) through a remote controller provided in kit
- RS-485 and 1/3" available *MTO

Dimensions

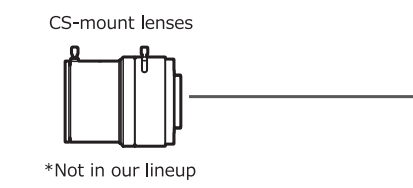
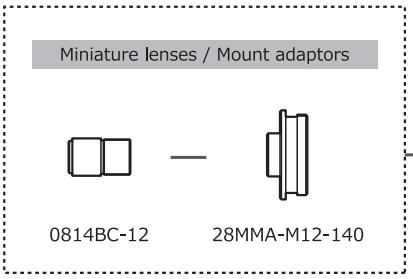
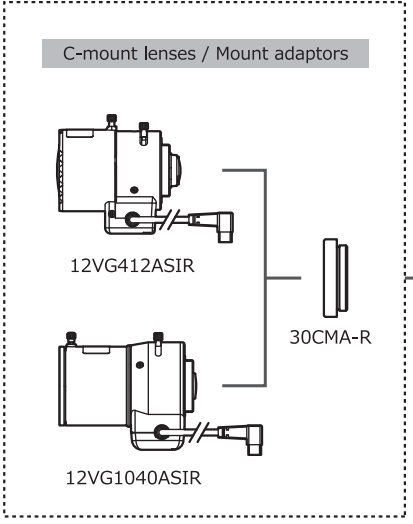
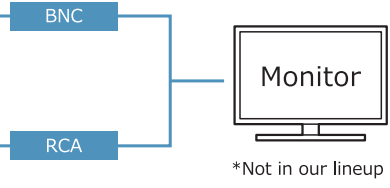
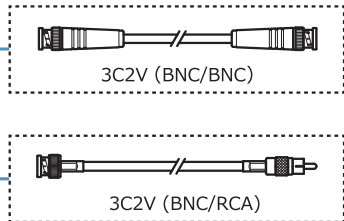


Specifications

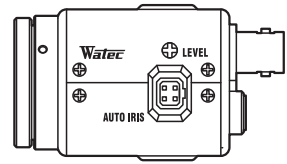
| | | |
|------------------------------|--|--|
| Video standard | CCIR | |
| Pick-up element | 1/2 inch interline transfer CCD image sensor | |
| Number of effective pixels | 752(H) × 582(V) | |
| Unit cell size | 8.6 μ m(H) × 8.3 μ m(V) | |
| Synchronizing system | Internal | |
| Scanning system | 2:1 interlace | |
| Video output | Composite video, 1.0 V(p-p) 75 Ω (Unbalanced) | |
| Resolution (H) | More than 570TVL (Center) | |
| Minimum illumination | 0.000025 lx F1.4 (AGC HIGH=41dB, Shutter=x256, $\gamma=0.35$, NR=ON) | |
| S/N | More than 52dB (AGC OFF=6dB, $\gamma=1.0$, Shutter=x256, NR=ON) | |
| Function settings | OSD : Remote controller | |
| AE mode | Fixed | x2, x4, x8, x16, x32, x64, x128, x256 (field) |
| | | 1/50, 1/120 sec. |
| | EI | 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000 sec. |
| AGC | ON | 6 - 30dB (LOW), 6 - 34.5dB (MID), 6 - 41dB (HIGH) |
| | OFF | - |
| MGC | 6 - 41dB (1dB step) | |
| Gamma characteristics | $\gamma=0.05 \sim 1.0$ (0.05 step), USER (S-curve) | |
| Video level | 92.5IRE | |
| Noise reduction | 3DNR OFF/ON Level adjustable | |
| Wide dynamic range | D-WDR OFF/ON Level adjustable | |
| Lens iris | Video/DC (EIAJ, Auto-select) | |
| Back light compensation | BLC, HSBLC | |
| White blemish correction | Up to 64 pixels | |
| Sharpness | Level adjustable | |
| Defog | - | |
| Digital zoom | ZOOM (x1 - x32), PAN/TILT | |
| Privacy mask | - | |
| Mirror image | OFF, V-FLIP, H-FLIP, HV-FLIP | |
| Freeze | OFF/ON | |
| Motion detection | OFF/ON 4areas arbitrarily configurable | |
| Neg.image | OFF/ON | |
| Interface | BNC (Composite Video), Power in, Auto iris, Remote controller (RC-01), 3P connector (GPIO) | |
| Power supply | DC+12V \pm 10% | |
| Power consumption | 1.38W (115mA) | |
| Operating temperature | -10 - +50 $^{\circ}$ C | |
| Storage temperature | -30 - +70 $^{\circ}$ C | |
| Operating / Storage humidity | 95% RH or less (Without condensation) | |
| Lens mount | CS mount (Back focus adjustable) | |
| Weight | Approx. 83g | |
| Accessories | WPDC12 (DC plug), Hex. Wrench, RC-01 (Remote controller), I/O cable | |

Accessories Options

Cables



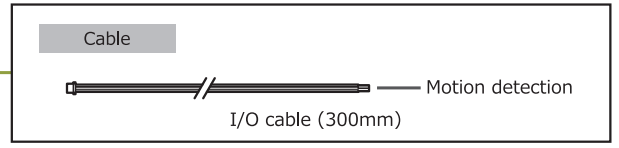
WAT-910HX/RC



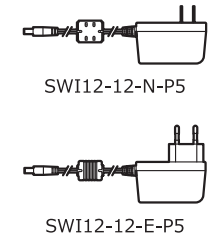
VIDEO OUT (BNC)



I/O

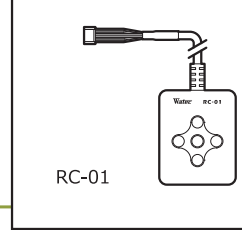


Power supply adaptors



POWER IN (DC12V)

Remote controller



OSD

