

WAT-1200CS 1/3.2" High Sensitivity Miniature Camera with Day&Night

1/3.2" BSI CMOS sensor

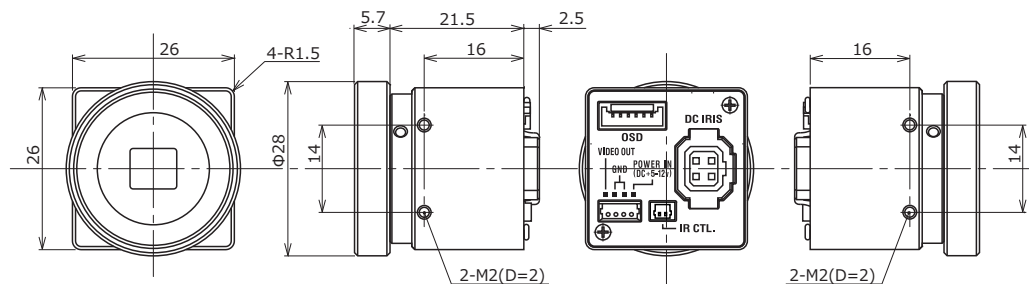
NEW



Key features

- High sensitivity min. illumination 0.002 lx F1.2 (AGC 54dB)
- Ultra-compact design only 26 x 26 x 30 mm
- Wide dynamic range, ICR Mechanical less Day/Night function
 ※Advanced setting available by OSD (On Screen Display) through an optional controller

Dimensions



Specifications

| | | NTSC | PAL |
|------------------------------|-------|---|----------------------|
| Video standard | | NTSC | PAL |
| Pick-up element | | 1/3.2 inch BSI CMOS image sensor | |
| Number of effective pixels | | 1280(H)×960(V) | 1280(H)×924(V) |
| Unit cell size | | 3.5μm(H)×3.5μm(V) | |
| Imaging system | | RGB+W array mosaic filters on chip | |
| Synchronizing system | | Internal | |
| Scanning system | | Progressive | |
| Video output | | Composite: 1.0 V(p-p) 75Ω (Unbalanced) | |
| Resolution (H) | | More than 750TVL (Center) | |
| Minimum illumination | | 0.002 lx F1.2 (AGC=54dB) | |
| S/N | | More than 55dB (AGC=OFF, γ=1.0) | |
| Function settings | | OSD (On Screen Display) operated by remote controller | |
| AE mode | Fixed | 1/60 sec. | 1/50 sec. |
| | | 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000, 1/20000, 1/50000, 1/100000 sec. | |
| | EI | 1/60 - 1/100000 sec. | 1/50 - 1/100000 sec. |
| White balance | | ATW, PUSH, USER1, USER2, MANUAL, PUSH LOCK | |
| AGC | | 0 - 54dB | |
| MGC | | MIN, 6, 12, 18, 24, 30, 36, 42, 48, MAX dB | |
| Day / Night | | ICR mechaless Day/Night | |
| Gamma characteristics | | γ≈0.45 | |
| Noise reduction | | 2DNR ON (Level adjustable) | |
| Wide dynamic range | | Multiple exposure WDR: ON (Level selectable) / OFF ATR : ON (Level selectable) / OFF | |
| Lens iris | | DC | |
| Back light compensation | | OFF / BLC / HLC | |
| Defog | | OFF / AUTO (Correction level selectable) | |
| Privacy mask | | 16masks | |
| Mirror image | | OFF / H-FLIP / V-FLIP / HV-FLIP | |
| Sharpness | | 0 - 255 (SHARPNESS) | |
| Power supply | | DC+5V - 12V | |
| Power consumption | | 0.6W/120mA(DC+5V), 0.72W/60mA(DC+12V) | |
| Operating temperature | | -10 - +50°C | |
| Storage temperature | | -30 - +70°C | |
| Operating / Storage humidity | | 95% RH or less (Without condensation) | |
| Lens mount | | CS mount | |
| Weight | | Approx. 22g | |
| Accessories | | AIC-G (Iris plug), 4P cable, 2P cable, Camera bracket, Hex. wrench | |

Accessories Options

WAT-1200CS

CS-mount lenses

- M13VG288IR
- M13VG850IR
- AG3Z2812FCS-MPWIR
- AG4Z1214FCS-MPIR

C-mount adaptor

- C-mount lenses
※Not in our lineup
- 30CMA-R

Stand

- MS50

Camera bracket

- B005

Remote control

- RC-01

OSD

IR LIGHT CTL

- 2P cable (300mm)
- 4P cable (300mm)

VIDEO OUT

POWER IN (5-12V)

Cable with connectors

- CB-01

POWER IN (DC12V)

Power supply adaptors

- SWI12-12-N-P5
- SWI12-12-E-P5

Cable

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

VIDEO OUT (BNC)

VIDEO OUT (RCA)

Monitor

※Not in our lineup

