

## SPECIFICATIONS

| Model                        |       | WAT-231S2 (NTSC)  | WAT-231S2 (PAL)      |
|------------------------------|-------|---|----------------------|
| Pick-up element              |       | 1/3 inch interline transfer CCD image sensor                                    |                      |
| Number of total pixels       |       | 811(H) × 508(V)   | 795(H) × 596(V)      |
| Number of effective pixels   |       | 768(H) × 494(V)   | 752(H) × 582(V)      |
| Unit cell size               |       | 6.35μm(H) × 7.4μm(V)  | 6.5μm(H) × 6.25μm(V) |
| Imaging system               |       | Ye, Cy, Mg, and G complementary color mosaic filters on chip                    |                      |
| Synchronizing system         |       | Internal  |                      |
| Scanning system              |       | 2:1 interlace   |                      |
| Video output                 |       | Composite, Y/C: 1.0 V(p-p), 75Ω, unbalanced                                     |                      |
| Resolution (H)               |       | More than 540TVL (Center)   |                      |
| Minimum illumination         |       | 0.02 lx. F1.2   |                      |
| S/N                          |       | More than 50dB (MGC=0dB, γ=1.0)   |                      |
| AE mode                      | Fixed | 1/60, 1/100 sec.  | 1/50, 1/120 sec.     |
|                              |       | 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec.                              |                      |
| EI                           | EI    | 1/60 - 1/100000 sec.  | 1/50 - 1/100000 sec. |
|                              |       | 1/60 - 1/100000 sec.(flicker suppress) / 1/50 - 1/100000 sec.(flicker suppress) |                      |
| White balance                |       | ATW(color rolling less), PWB, MWB, Preset (3200K, 4300K, 5100K, 6300K)          |                      |
| AGC                          |       | HI: 0~38dB / LO: 0~32dB   |                      |
| MGC                          |       | 0~32dB  |                      |
| Gamma characteristics        |       | γ ≒ 0.45(ON) / γ = 1.0(OFF)   |                      |
| Lens iris                    |       | Video / DC (EIAJ arrangement, Auto-select)                                      |                      |
| Back light compensation      |       | ON / OFF  |                      |
| White blemish correction     |       | Up to 32 pixels   |                      |
| Power supply                 |       | DC+12V±10%  |                      |
| Power consumption            |       | 1.92W (160mA)   |                      |
| Operating temperature        |       | -10 - +50°C (Without condensation)  |                      |
| Storage temperature          |       | -30 - +70°C (Without condensation)  |                      |
| Operating / Storage humidity |       | Less than 95% RH  |                      |
| Lens mount                   |       | CS mount (Back focus adjustable)  |                      |
| Weight                       |       | Approx. 140g  |                      |

※Design and specifications are subject to change without notice.

## DIMENSIONS (mm)

