

WAT-240 VIVID Color Camera

【SPECIFICATIONS】

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|----------------------------|---|
| Model | WAT-240 VIVID (NTSC/PAL) |
| Pick-up element | 1/4inch interline transfer CCD image sensor |
| Number of total pixels | 811(H) × 507(V) (NTSC), 795(H) × 595(V) (PAL) |
| Number of effective pixels | 768(H) × 494(V) (NTSC), 752(H) × 582(V) (PAL) |
| Unit cell size | 4.9 μm(H) × 5.6 μm(V) (NTSC), 5.0 μm(H) × 4.7 μm(V) (PAL) |
| Scanning system | 2:1 interlace |
| Synchronizing system | Internal |
| Video output | Composite video, 1.0Vp-p, 75ohm Unbalanced |
| Resolution (Horizontal) | 450TV lines (Center) |
| Minimum illumination | 1.6 lx. (F2.0) |
| Gamma correction | $\gamma \cong 0.45$ |
| AGC | 6-30dB |
| S/N ratio | More than 50dB (AGC OFF, $\gamma=1.0$) |
| White balance | Automatic |
| Back light compensation | ON |
| Electronic iris | 1/60-1/100,000 sec. (EIA), 1/50-1/100,000 sec. (CCIR) |
| Standard lens | (Glass, f3.8mm, F2.0) or (Pinhole, f3.7mm, F4.5) |
| Power supply | DC+6V (DC+5.0 - +7.6V) |
| Current | 1.08W(typ) (=180mA) |
| Operating temperature | -10°C - +40°C (w/o condensation) |
| Storage temperature | -30°C - +70°C (w/o condensation) |
| Dimensions | 18(φ) × 47.6(L)mm+lens |
| Weight | 28g (with Glass f3.8mm lens) |
| Accessories | Holder ring set |

【DIMENSIONS】 (mm)

