



Specifications

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|-----------------------------|--|---|---------------------|
| Model | | TS-6050EHPSC / TS-6051EHPSC | |
| Scanning system | | NTSC | PAL |
| Image sensor (device) | | SONY EXVIEW HAD Ultra High Sensitivity CCD Sensor | |
| Image size | | 1/3" (approx. 4.8mm x 3.6mm) | |
| Outer casing material | | NYLATRON M | |
| Screw on front outer casing | | SUS316 | |
| Front glass | | 5mm thickness reinforce glass | |
| Cable | | Sea water cable | |
| | | High Res. & Ex View | High Res. & Ex View |
| Picture element | All | 811 (H) x 508 (V) | 795 (H) x 596 (V) |
| | Effective | 768 (H) x 494 (V) | 752 (H) x 582 (V) |
| Horizontal Resolution | | 550 TV Line | |
| Minimum illumination | | 0.01 Lux AGC On 0 Lux Under Infra-red Illumination | |
| Light Wavelength | | 400-850nm Infra-red | 400-850nm Infra-red |
| Infra-red Wavelength | | 780nm To 1100nm | |
| Optical black elements | Horizontal | 3: in front, 40: in back | |
| | Vertical | 12: in front, 2: in back | |
| Chip size | | 6.0mm(H) x 4.96mm(V) | |
| Synchronizing system | | Internal Sync. | |
| Interlace | | 2:1 interlace | |
| Aperture correction | | H aperture V aperture | |
| Video output level | | 1.0V(p-p) (75ohms, composite) | |
| Video S/N ratio | | More than 50dB (AGC off) | |
| Day & Night | | Under Light 2 Lux | |
| White Balance | | ATW large range : 2400 °K To 1000 °K | |
| Electronic iris | | Setting ON | |
| Lens Option | | 3.6mm, 6mm, 8mm, 12mm | |
| Auto Exposure(AE) system | | Auto electronic iris: 1/50 (1/60)-1/100,000 sec | |
| Back Light Compensation | | Active Histogram plus windows weight BLC | |
| Gamma | | 1 | |
| Built In Lens | | Board Lens 3.6mm Fixed iris F2.0 | |
| Environmental conditions | | Temperature: -10°C to +50°C, Humidity: within 90% RH | |
| Storage temperature | | Temperature: -20°C to +70°C, Humidity: within 70% RH | |
| Power Supply | | DC Power Supplied From Coaxial Power Supply Unit / DC+12V | |
| Power consumption(approx.) | | 3W | |
| Dimensions (approx.) | | 70x L 186.5(mm) | |
| Weight (approx.) | | 2.2kgs | |
| Accessories | Sea water cable | AC x 50M or 100M as optional | |
| | | DC x 30M | |
| | Stainless Mounting Bracket & Sunshield | | |
| | AC: Coaxial cable Power Supply DC: 1A Adapter | | |

Coaxial cable Power Supply Specification

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|----------------------------|--|
| To Camera | V51.0.Vp-p/75 ohm |
| To Monitor | V51.0.Vp-p/75 ohm |
| Camera Power Supply System | DC Constant Current Over Coaxial cable |
| Maximum Cable Length | AC Type : 50M or 100M optional |
| | DC Type : 30M |
| Operating Temperature | Temperature: -15°c to +55°c |
| Humidity | Less Than 90% |
| Power Consumption(approx.) | 6W |
| Power Requirements | 110V AC/60.50Hz, 230V AC/50.60Hz |
| Dimensions | 106mm(L) x 44mm(H) x 96mm(D) |
| Weight (approx) | 600g |