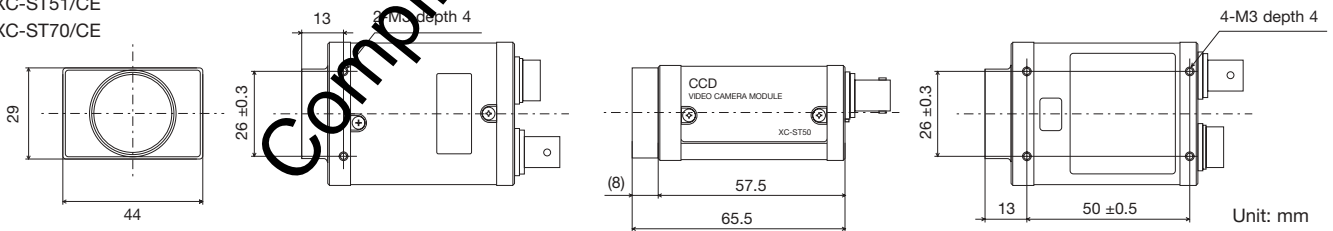


| | XC-ST30 | XC-ST50 | XC-ST51 | XC-ST70 | XC-ST30CE | XC-ST50CE | XC-ST51CE | XC-ST70CE |
|--|---|-----------------|-----------------|-----------------|--|-----------------|-----------------|-----------------|
| Image device | 1/3 type IT CCD | 1/2 type IT CCD | 1/2 type IT CCD | 2/3 type IT CCD | 1/3 type IT CCD | 1/2 type IT CCD | 1/2 type IT CCD | 2/3 type IT CCD |
| Effective pictures elements | 768 (H) x 494 (V) | | | | 752 (H) x 582 (V) | | | |
| Signal system | EIA standard | | | | CCIR standard | | | |
| Horizontal frequency | 15.734 kHz ±1% | | | | 15.625 kHz ±1% | | | |
| Vertical frequency | 59.94 Hz | | | | 50 Hz | | | |
| Lens mount | C mount | | | | | | | |
| Flange back | 17.526 mm | | | | | | | |
| Sync system | Internal / External (auto) | | | | | | | |
| External Sync system | HD / VD (2 ~ 5 Vp-p), VS | | | | | | | |
| External Sync frequency | Horizontal sync frequency ± 1% | | | | | | | |
| Jitter | less than ± 50 nsec | | | | | | | |
| Scanning system | 525 lines, 60 fields/s, 2:1 Interlaced | | | | 625 lines, 50 fields/s, 2:1 Interlaced | | | |
| Video output | 1.0 Vp-p, negative, 75 Ω unbalanced | | | | | | | |
| Horizontal resolution | 570 TV lines | | | | 560 TV lines | | | |
| Sensitivity (γ compensation ON, 0 dB) | 400 lx, F5.6 | 400 lx, F8 | 400 lx, F11 | 400 lx, F8 | 400 lx, F5.6 | 400 lx, F8 | 400 lx, F11 | 400 lx, F8 |
| Minimum illumination (F1.4, AGC ON, without IR cut filter) | 0.3 lx | | 0.2 lx | 0.3 lx | 0.3 lx | | 0.2 lx | 0.3 lx |
| S/N ratio | 56 dB | 60 dB | | | 54 dB | 58 dB | | |
| Gain | AGC (0 ~18 dB) / Manual (0 ~18 dB) / Fixed (0 dB) Selectable | | | | | | | |
| Gamma | ON / OFF | | | | | | | |
| Normal shutter | 1/100 ~ 1/10,000 s | | | | 1/120 ~ 1/10,000 s | | | |
| External trigger shutter | 1/4 ~ 1/10,000 s | | | | 1/4 ~ 1/8,000 s | | | |
| Power requirements | DC 12 V ±10% | | | | | | | |
| Power consumption | 1.9 W | 2.0 W | | 2.1 W | 2.0 W | | 2.1 W | |
| Dimensions | 44 (W) x 29 (H) x 57.5 (D) mm | | | | | | | |
| Mass | 110 g | | | 105 g | 110 g | | | 105 g |
| Operation temp./Humidity | -5°C ~ +45°C / 20 ~ 80% | | | | | | | |
| Storage temp./Humidity | -30°C ~ +70°C / 20 ~ 95% | | | | | | | |
| Vibration | 100 ~ 200 Hz | | | | | | | |
| Shock resistance | 70 G | | | | | | | |
| MTBF | 70,600 hrs. | | | | | | | |
| Regulations | UL6500, FCC Class B, CE (EN61326/97 + A1/98), AS4251.1 + AS4252.2 | | | | | | | |
| Supplied accessories | Lens mount cap (x 1), Operating instructions (x 1) | | | | | | | |
| Optional accessories | DC-700CE: Compact camera adaptor (CE standard): Compact, lightweight, Two video outputs, External sync IN/OUT, Trigger input/WEN output, EIAJ standard 12 pin assignment, Dimensions: 110 (W) x 53 (H) x 160 (D) mm CCXC-12P02N (2 m), CCXC-12P05N (5 m), CCXC-12P10N (10 m), CCXC-12P25N (25 m): 12 pin camera cable (CE standard) VCT-ST70: Pinpod adaptor: Isolated type, Approx. 14 g, Dimensions: 40 (W) x 6 (H) x 59 (D) mm | | | | | | | |

Dimensions

XC-ST30/CE
XC-ST50/CE
XC-ST51/CE
XC-ST70/CE



Sony Contacts

| | |
|---|----------------------|
| ISS for Central Zone (Austria, Eastern Europe, Germany, Netherlands, German-speaking Switzerland) | +49 221 537 3668 |
| ISS for Nordic Zone (Baltics, Denmark, Finland, Norway, Sweden) | +45 43 557 067 |
| ISS for Other Zone (UK, Ireland, Greece, Israel, South Africa) | +44 1932 816 315 |
| ISS for South Zone (Belgium, France, Portugal, Spain, French-speaking Switzerland) | +33 1 55 90 40 74 |
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