



Ultra Compact CCD Camera for Machine Vision **CT-3000**

1/2" IT CCD sensor
 High resolution 570TV lines
 External HD/VD input
 Internal HD/VD output
 Master clock pulse output
 High sensitivity 56dB
 Standard HIROSE 12P connector
 Ultra compact size
 TUSS-3010 for 1/3" CCD sensor



Specifications

| Model | CT-3000 |
|------------------------------|--|
| Image sensor | 1/2" format |
| Number of effective elements | 768 x 494(EIA), 752 x 582(CCIR) |
| Scanning frequencies | 15.734KHz/59.94Hz(EIA), 15.625KHz/50Hz(CCIR) |
| Sync. System | Internal or External by HD/VD |
| Scanning system | 2:1 Interlace or Non-Interlace |
| Video output | VBS 1.0Vp-p, 75ohms |
| Master clock pulse output | 14.31818MHz(EIA), 14.1875MHz(CCIR) |
| Signal output | HD/VD outputs in case of internal sync mode |
| Horizontal resolution | 570TV lines or more |
| S/N ratio | 56dB (Gain 0dB) |
| Electric shutter | 1/60(1/50 CCIR) - 1/10,000sec. |
| Gamma | 0.45 or 1.0 switchable |
| Gain control | Fixed / Manual(0-25dB) selectable |
| Min. scene illumination | 0.3lux at F1.4 |
| Lens mount | C-Mount |
| Power requirement | 10-12VDC, 180mA or less |
| Operating temperature | -10 to +40 |
| Vibration resistance | 7G (20 - 220Hz) |
| Weight | 85g |
| Dimensions (WxHxL) | 31 x 29 x 72.7mm |

Tuss Vision, Inc.

Product Made in Japan