



# Ultra Compact CCD Camera for Machine Vision

## CT-3010

1/3" 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-3000 for 1/2" CCD models



### Specifications

Model	CT-3010
Image sensor	1/3" 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