



Compact CCD Camera for Machine Vision

Progressive

CT-3030

Variable integration period by means of Double-pulse input

Progressive scanning
 Double speed scanning
 1/3" IT CCD sensor
 High resolution
 Variable external trigger
 HD/VD outputs(Int. mode)
 High sensitivity 56dB
 HIROSE 12P connector
 Compact size & light weight



Specifications

| Model | CT-3030 |
|------------------------------|---|
| Image sensor | 1/3" format |
| Number of effective elements | 659 x 494 |
| Scanning frequencies | 15.734KHz |
| Sync. System | Internal or External by HD/VD or Trigger |
| Scanning system | 2:1 Interlace, 1/30sec Progressive, 1/60sec Progressive |
| Video output | VS1.0Vp-p, 75-ohm |
| Horizontal resolution | 495 TV lines |
| 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 | 1 lux at F1.4 in normal mode |
| Lens mount | C-Mount |
| Power requirement | 10-12VDC, 210mA or less |
| Operating temperature | -10 to +50 |
| Vibration resistance | 7G (20 - 220Hz) |
| Weight | 85g |
| Dimensions (WxHxL) | 31 x 29 x 72.7mm |