

CS 3920

2.1 Megapixel Digital CCD B/W Video Camera



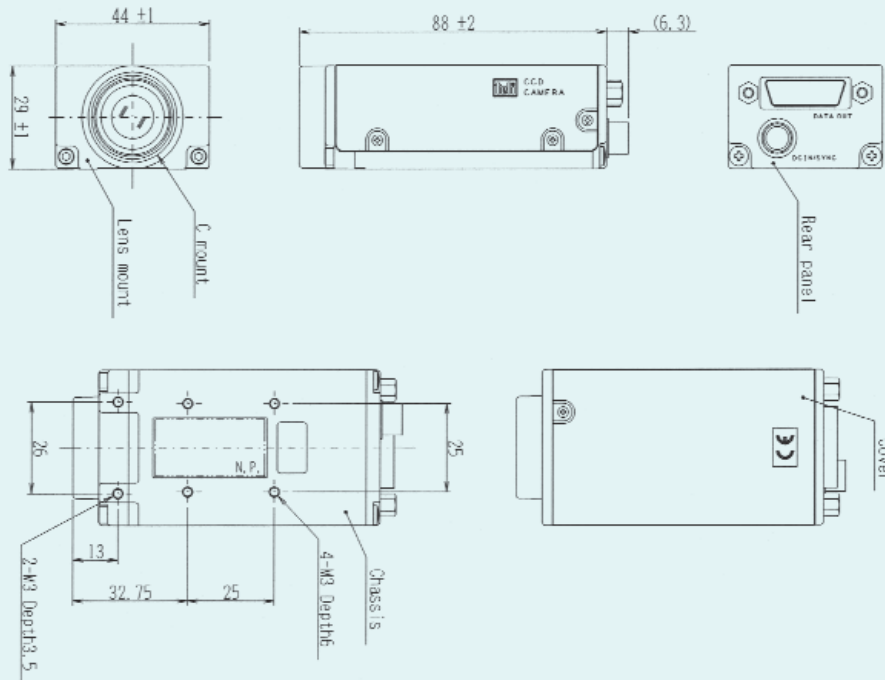
- **1/2" CCD Sensor**
Square grid pattern
- **2.1 Mega pixel, 1636(H) x 1236(V)**
- **7.5 fps at full resolution | 30 fps in High Speed Draft Mode**
- **Random Trigger Shutter (RTS)**
- **Digital & analog output**
EIA-644, 10bit (18MHz)
- **Application**
 - Factory automation
 - Microscopy
 - Quality control



Technical Data

Type	CS3920
Image sensor	1/2" type 2.1 Mega pixel
Active pixel	1636 (H) x 1236 (V) square pixel
Pixel size	3.9 (H) x 3.9 (V) μm
Image Area	6.4(H) x 4.8(V) mm
Scanning system	Interlace
Sync system	Internal synchronization
Frame rate	7.5 fps (full resolution), 30fps (draft mode)
Aspect ratio	4:3
Video output	Digital: EIA-644 (data 10bit) Analog: 1.0V / 75 Ohm
S/N	>50 dB
Gamma correction	1.0 Fix
Output signals	WEN (4Vp-p), HD/VD (EIA644)
Electronic Shutter	ON: 1/30s, 1/60s, 1/125s, 1/250s, 1/1000s, 1/2000s, 1/4000s, 1/10000s or trigger pulse width
Lens mount	C-Mount
Power supply	DC12V -/+10% / approx 2.3W
Ambient condition	Temperature: 0°C to 40°C Humidity: 10 to 90%
Dimension	44(W) x 29(H) x 88(D)mm
Weight	Approx. 135g

Dimension



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