



Daylight CCD Camera

EOS has developed a competitive daylight colour CCD camera with a serial communication interface. The camera is dedicated for the integration into the EOS military sensor unit for weapon systems (land and naval). The high performance day camera has also applications in:

- Surveillance
- Reconnaissance
- Target acquisition
- Tracking systems

The low-noise camera technology leads to excellence in performance, reliability and value and provides the following advantages to the user:

- One single software and electrical interface
- No realignment needed
- Automatic white balance, gain control and shutter control performed by electronics (max. shutter speed 1/100,000 sec)
- Selection between 1/3" and 1/4" CCD sensor



Technical Specifications

Effective clear lens aperture:	70 mm
Zoom:	34x
Motorized lens for:	Zoom, iris and focus
Focus range:	30 m to ∞ (2.3 m x 2.3 m NATO target)
Field of view:	< 1.2° to > 34°
Sensor type:	Interlaced transfer colour CCD
Sensor size:	1/3" or 1/4"
TV system (frame rate):	PAL or NTSC
TV output signals:	S-Video/FBAS (selectable)
Interface:	Serial communication, RS232
Dimensions:	ø 110 mm x 230 mm
Weight:	1.25 kg
Operating temperature range:	-35 °C to +60 °C
Power supply input:	24 V/300 mA

	1/3" CCD		1/4" CCD	
	PAL	NTSC	PAL	NTSC
Pixel size H x V (µm):	6.50 x 6.25	6.35 x 7.40	4.85 x 4.65	4.75 x 5.55
Resolution (effective pixel) H x V:	752 x 582	768 x 494	752 x 582	768 x 494
Active image area H x V (mm):	5.6 x 4.7	5.6 x 4.7	4.4 x 3.7	4.4 x 3.7

Contact

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