

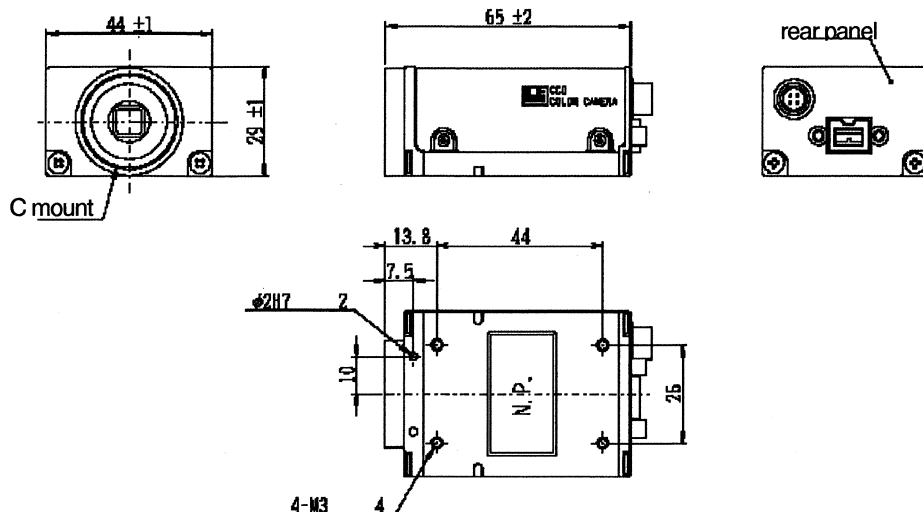
Product Description

Model CS6910F is a CCD camera developed specifically for FA and image measurement. High-speed image processing is available by a random access. The video output interface of CS6910F conforms to the serial digital bus standard IEEE1394b.

Features

- high resolution image
- All pixel's data readout
- honey comb structure CCD
- IEEE1394b video output
- Random trigger shutter function
- PC control

External - View Drawing



Specifications

Image sensor	All pixel's data read-out interline CCD	Random trigger shutter	RTS operation is available via external trigger input.
Active pixels	680 (H) × 504 (V)	Mode0	Shutter speed preset (depends on the electronic shutter setting)
Unit cell size	3.8 (H) × 3.8 (V) [μm]	Mode1	Shutter speed pulse width control is available.
Image size	1/4.2 type optical format (Diagonal: 5.0 (H) × 4.53 (V) [mm])	Lens mount	C mount
Driving frequency	24.576 [MHz]	Power source	DC12V ±10% (IEEE1394b cable load)
Scanning system	Progressive	Power consumption	TBD
Sync system	Internal	Performance guaranteed	Temperature: From 0 through +40°C Humidity: From 30 through 90% (No condensing)
Aspect ratio	4:3	Operation guaranteed	Temperature: From -5 through +45°C Humidity: From 30 through 90% (No condensing)
Interface	Conforms to IEEE std. 1394b-2002	External dimension	44 × 29 × 60 [mm]
Transfer speed	800Mbps	Weight	Approx. 200g
Video format	Format_2 Mode1 Format_7 YUV4:1:1		
Protocol	Conforms to 1394-based Digital Camera Specification Ver. 1.31		
Illumination	Subject: 3000lx F8 Minimum: 30lx F1.4		
Gamma correction	Gamma = 0.45/0.65/1.0		
Gain	From 0 through *** Gain control via IEEE1394b		
Electronic shutter	Shutter speed selection via IEEE1394b		
Trigger input	TTL level		



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