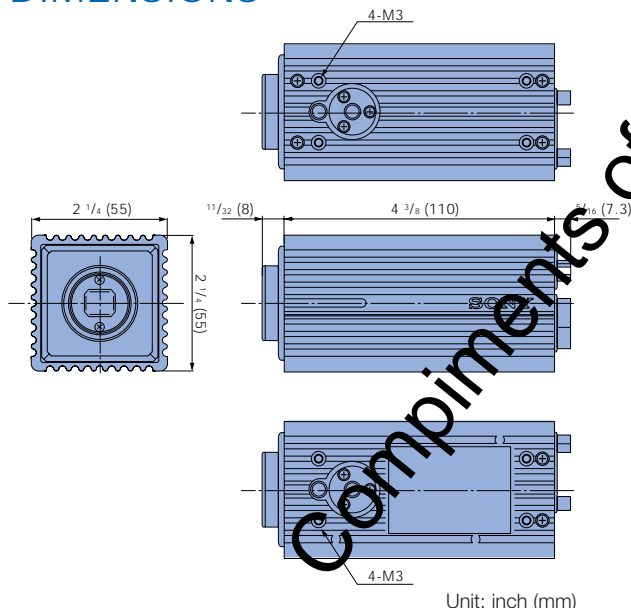


SPECIFICATIONS

Sensor Block	
Image device	1/2-type progressive scan IT monochrome CCD
Effective resolution (H x V)	1,280 x 1,024 (SXGA)
Cell size (H x V)	4.65 x 4.65 μm
Frame rate	15 fps (SXGA)
Gain control	Manual (0 to +18 dB, 1 dB steps)
Electronic shutter	2 to 1/50,000 s (trigger mode), 2 to 1/100,000 s (free run mode)
Binning function	Vertical / Horizontal binning
Partial scanning function	
Vertical random scanning	32 to 1,024 lines, 32 line steps
Horizontal random scanning	384 to 1,280 pixels, 128 pixel steps
Typical frame rate	34 fps (VGA), 21 fps (XGA)
External trigger input	Pulse-edge detection mode/pulse-width detection mode
Trigger delay function	0 to 4 s, 1ms steps
External trigger latency	Less than 10 us
Hardware Look Up Table	Gamma compensation, binarization, negative/positive reverse, etc.
Processor	
CPU	x 86, AMD Geode GX533, 400 MHz
Memory	258 MB DDR-SDRAM 128 MB Compact Flash
Operating system	Monta Vista Linux Professional edition 3.0 (built-in) Windows XPe (with optional downloadable SDK)

Interfaces	
Ethernet	10Base-T/100Base-TX (Network protocols: TCP/IP (IPv4), HTTP, FTP)
Monitor output	D-sub 15pin for multi scan monitor
USB	version 1.1
Serial interface	RS-232C
Digital I/Os	TTL IN/OUT, Isolated IN/OUT, Trigger IN, Exposure OUT
General	
Lens mount	C-mount
Minimum illumination	4 lx (F1.4, +18 dB gain)
Power requirements	10.5 to 26.4 V
Power consumption	7.8 W
Dimensions (W x H x D)	2 1/4 x 2 1/4 x 4 3/8 inches (55 x 55 x 110 mm)
Weight	14 oz (400 g)
Operating temperature	23 to 113 °F (-5 to +45 °C)
Storage temperature	-40 to +140 °F (-20 to +60 °C)
Operating humidity	20 to 80% non-condensing
Storage humidity	20 to 95% non-condensing
Vibration	10 G (10 to 200 Hz)
Shock resistance	70 G
Regulations	FCC / CE / IC / VCCI Class A
Supplied Accessories	
	Lens mount cap, Operating instructions

DIMENSIONS



PIN ASSIGNMENT

12-pin connector

1	GND	7	TTL OUT
2	+12V IN	8	GND
3	GND	9	ISO OUT -
4	ISO OUT +	10	EXP OUT
5	GND	11	TRIG IN
6	TTL IN	12	GND

6-pin connector

1	TXD (RS-232C)
2	RXD (RS-232C)
3	GND
4	ISO IN +
5	ISO IN -
6	NC

Rear panel

OPTIONAL ACCESSORIES

Camera Adaptor
DC-700/DC-700CE

12-pin Camera Cable
CCXC-12P02N (2 m)
CCXC-12P05N (5 m)
CCXC-12P10N (10 m)
CCXC-12P25N (25 m)

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