

SENSOR

Sensor	Sony ICX Sensors
Type	CCD Progressive Scan

PERFORMANCE SPECIFICATIONS *

Bit Depth	8 & 12-bit (14 bit ADC)
Color Data Formats	Bayer 8, Bayer 16 and YUV422
Mono Data Formats	Raw, Mono 8 and Mono 16
Gain	Variable

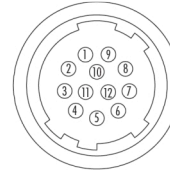
MECHANICALS

Dimensions	38 x 33 x 38 mm (POE Model 38 x 45 x 38 mm)
Weight	91 g
Lens Mount	CS-Mount with C-Mount adapter

INTERFACES

Interface / Data rate	Gigabit Ethernet 100/1000 MBit
Trigger Connector	12-pin Hirose
Trigger Modes	Free running, software, hardware

PIN OUTPUT DESCRIPTION



1	VIN- (GND)	7	OUT1 (TTL Level)
2	VIN+ (10V to 25V DC)	8	OUT2 (TTL Level)
3	RXD (RS232 Level)	9	IN3+ (RS422 Level)
4	TXD (RS232 Level)	10	IN3- (RS422 Level)
5	IN1 (TTL Level)	11	OUT3+ (RS422 Level)
6	IN2 (TTL Level)	12	OUT3- (RS422 Level)

POWER REQUIREMENTS

Voltage Req.	10-25 V DC
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SOFTWARE

PixeLINK Capture OEM	Free Download (www.pixelink.com)
SDK	API, detailed sample code

ENVIRONMENTAL & REGULATORY

Compliance	FCC Class B, CE & RoHS
Shock & Vibration	300 G & 20 G (10Hz - 2KHz)
Operating Temp.	-10°C to 45°C (non-condensing)

COMPUTER & OPERATING SYSTEM

Processor	2.0 GHz or better
Memory	512 MB min. 1 GB recommended
Operating System	XP, Vista (supported) Windows 7 & Linux
Hard Drive Space	75 MB

