



XCISX100/XP

Smart Camera Monochrome SXGA

Pricing available upon request

Overview

2nd Generation Smart Camera Monochrome VGA

Highlights

- * High Resolution and Frame Rates: SXGA resolution achieving 30 fps
- * Enhanced Processor and Other Features: x86 CPU processor and additional SDRAM memory, customizable FGPA

- * Additional Digital I/O and Interfaces with Superb Compatibility w/Peripherals: 2 USB 2.0, Gigabit Ethernet I/F, monitor output, RS232C serial interface, trigger input and exposure output
- * High-End Security Features: CS mount lens support, mounted Auto Iris Interface, ability to capture Wide D images by one shot trigger and two image output

Specifications

Camera Specifications	Detail
Image Device	1/3-type IT progressive scan CCD
Effective Resolution	1,280 x 960 (SXGA)
Cell Size	3.75 x 3.75 μ m
Frame Rate	30 fps (SXGA)
Gain	Manual (0 to 18 dB, 0.1 dB steps)
Electronic Shutter	2 to 1/100,000 s
Binning	1 x 2.2 x 2
External Trigger Input	External Trigger shutter: Trigger start (shutter speed:2 to 1/50,000s),
External Trigger Input Voltage	Trigger start & exposure duration (4s max), Trigger inhibit function,
Trigger Delay Function	0 to 4s, 1 ms step
Strobe Delay to Start Exposure	Delay function: 0 to 4 ms, 1 μ s step
Lens Mount	C mount/CS mount switchable
Processor Specifications	Detail
CPU	x86 1GHz, VIA Eden ULV (I1 caches 64 KB x2 L2 caches 128KB)
Memory	512 MB DDR2 SDRAM
Operating System	Windows XPE

Interfaces Specifications	Detail
Digital I/Os	Isolated IN (4), Isolated OUT (8)
Monitor Output	D-sub 15 pin for multi scan monitor
Network	Ethernet: 1000 Base-T/100 Base - TX/10 Base-T
Serial Interface	RS-232C
USB Port	Hi-speed USB (USB 2.0) x 2

General Specifications	Detail
Dimensions (W x H x D)	94 x 70 x 139.5 mm (3 3/4 x 2 7/8 x 4 1/2 inches)
Weight	760 g (1.7 oz)
Operating Temperature	-5 to +45° C (23 to 113° F)
Storage Temperature	-30 to +60° C (-22 to 140° F)
Operating Humidity	20 to 80% non condensing
Storage Humidity	20 to 95% non condensing
Vibration Resistance	10 G (20 to 200 Hz)
Power Requirements	DC 10.5 to 26.4 V
Power Consumption	18.2 W (Max.)
Shock Resistance	70 G

Resources

Brochure

Description:	Release Date	Type/Size
XCISX100C_Final pdf.pdf		pdf / 473K
IS-1212.pdf		pdf / 474K

Product Brochure

Description:	Release Date	Type/Size
Intelligent Traffic Systems Product Brochure		pdf / 1,123K
prodbroch_its.pdf		pdf / 3,234K