

IQeye3[™]-W

802.11b
Smart Camera[™]
Platform



The IQeye3 Wireless is an intelligent imaging system that combines 1.6M pixels/sec JPEG performance and a network computer into a compact industrial device - accessible via wireless Ethernet.

Support is available for many 802.11b wireless PCcards, please visit our web site for the latest list of supported cards.

Industrial packaging and very low power requirements make the IQeye3 ideal for even the most remote site.

Watch live images using a web browser, or configure the IQeye3 to email or FTP images based on triggers or time lapse settings. The embedded computer with flash disk has support for custom web pages and extensive image buffers for pre- and post-event imaging.

The IQeye3 Wireless sets a new standards for resolution and power in a network camera, and adds the benefits of wireless communication.

seeing into the future[™]

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Wireless Network Camera

802.11b PCard wireless Ethernet support

High Resolution 1.3 megapixel
1280 x 960 progressive scan

Low power - under 5 Watts

Digital pan, tilt, zoom

Powerful, cutting edge imaging platform

Factory expandable, field upgradeable

Reliable, stable and mature code base

Complete web-based management of the embedded network computer and digital camera

Designed for simple, low cost deployment

Engineered for industrial use

IQeye3-W specifications

image capture

1/2" 1280 x 960 CMOS digital imager
Up to 30 frames per second
Exposure control: 5 exposure pre-sets

imaging features

Selectable windowing and subsampling
AGC or selectable gain
Adjustable spot meter window
Configurable color balance
Variable JPEG compression ratio
Text and graphics overlays

browser support

Netscape Navigator 4.7 or higher
Microsoft Internet Explorer 5.50 or higher

networking

10/100BASE-T Fast Ethernet
Wireless PCard not included
802.11B driver support for popular cards - see our web site
128 bit WEP encryption with PCard support
Integrated HTTP web server, email and FTP servers
SNMP, BOOTP, DHCP, FTP, Telnet, TCP, IP, UDP

special features

Digital Pan, Tilt, Zoom
Smart motion sensing triggers
Software Development Kit (IQsdk) option for custom imaging applications
512k of Flash memory for custom web pages
Trigger input (normally open or normally closed)
Relay output
Web-based configuration
MD5 encryption for web passwords
Free software updates and utilities available online

lens support

1/2" CS-Mounts lenses accepted
C mount requires optional adapter

connectors

Ethernet: RJ45 10/100BASE-T
PCcard: standard type II connector
Power: 12-33V DC
Console port: 9-pin D serial
Relay I/O: Screw terminal optional
Camera mount: 1/4 - 20 threaded mount

power

Under 5W consumed at 12-33V DC not including PC card
Typical 8W to 10W with wireless PC card, 14W maximum
Power supply included

environment

Operating temperature range: 32 - 104° F (0 - 40°C)
Humidity: 10-90% non-condensing
4 lux with 1:1.0 lens

dimensions

Size: 3" wide x 3" high x 5 1/4" deep (not including lens)
Weight: 20 oz.
Shipping: 4 1/2" high x 9 1/2" wide x 10 1/4" deep x 3 pounds

the platform



installation

