

# IQeye3™



Ours  
*Megapixel!*



Theirs  
320 by 240



## Image is Everything

The IQeye3 is an ultra hi-resolution imaging system that provides outstanding frame rates and a network computer in a compact, reliable package. Its industrial design and very low power consumption make it ideal for even the most remote applications.

The IQeye3's incredible megapixel+ resolution allows multiple users to independently pan, tilt and zoom, at the same time, with no moving parts. Wide-angle lenses are not a problem for the IQeye3, allowing you to replace multiple conventional cameras or pan/tilt cameras with a single IQeye3.

The IQeye3 supports a wide variety of protocols for plug-and play operation and the optional IQpoet (power over Ethernet) significantly reduces costs and simplifies installation.

Imagine crystal clear images that let you capture details or recognize people, only with the IQeye3.

seeing into the future™  
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# Megapixel Network Camera

Ultra High Resolution  
1.3 Megapixels, 1288 by 968

HDTV 720p Images

Progressive Scan for  
Excellent Image Quality

968 Lines of Resolution

Digital Pan, Tilt, and Zoom  
With No Moving Parts

Designed for Simple, Low Cost  
Deployment

Engineered for Industrial Use

Wireless and IR Monochrome  
Versions Available

Extensive Control via Web, Telnet  
or Embedded Applications (SDK)

IQpoet™ Power Over Ethernet  
Option for Single CAT5 Cable  
Installation

# IQeye3 specifications

## image capture

- 1/2" 1288 by 968 progressive scan CMOS digital imager
- 50 fps (frames per second) at 160 by 120
- 22 fps at 320 by 240
- 6.7 fps at 640 by 480
- 4.4 fps at 800 by 600
- 2.4 fps at 1280 by 720 HDTV 720p images
- 1.8 fps at 1288 by 968
- up to 2.2 Mpixels/sec with no connection or display bottleneck
- Day/night mode, 1.5 lux performance with f1.0 lens
- Exposure control: 5 exposure pre-sets

## imaging features

- Selectable windowing and subsampling
- AGC or selectable gain
- Adjustable spot meter window
- Privacy masking zones
- 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
- Bandwidth Throttling
- Integrated HTTP and FTP servers
- Clients: SMTP (e-mail), BOOTP, FTP, SNMP, Telnet, TFTP
- Protocols: TCP, IP, UDP

## special features

- Digital pan, tilt, zoom
- Configurable image motion detection
- 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

- Accepts CS mount lenses, C mount with adapter

## connectors

- Ethernet: RJ45 10/100BASE-T
- Power: 12-33V DC
- Console Port: 9-pin D serial
- Relay I/O
- Camera mount: 1/4 - 20 threaded mount

## power

- Under 5W consumed at 12-33V DC
- Single cable install with IQpoet, power over Ethernet option

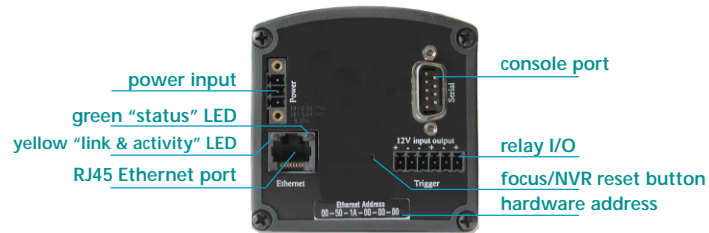
## environment

- Operating temperature range: 32 - 104°F (0 - 40°C)
- Humidity: 10-90% non-condensing

## dimensions

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

## the platform



## options

Cameras available in a variety of configurations with and without lenses, power supplies.  
**IQeye3W:** wireless 802.11 PCard ready  
**IQeye3Mono:** monochrome IR sensitive version  
**IQsdk:** software development kit  
**IQpoet:** power over Ethernet

