

IQeye Sentinel™

SERIES



All-Weather Megapixel IP Camera

The IQeye Sentinel Series is the first All-Weather Megapixel Network Camera that is entirely Power-Over-Ethernet. The integrated, vandal and tamper-resistant design is based on the popular IQeye 700/750 camera. Sentinel's exclusive pivoting arm allows you to use the same camera for wall, ceiling or parapet mounting with no additional hardware. The entire unit is designed to withstand the harshest weather conditions, including hot, cold and wet environments.

The IQeye Sentinel series comes in multiple resolution options from 1.3 to 5 megapixels, and is available in both standard and day/night configurations. A wide variety of high quality lenses are available so Sentinel can deliver superb images in any application. With the XT option, Sentinel becomes an extreme weather camera, operating from teeth-chattering cold to searing heat with even better protection from the elements. *IQeye, when you can't afford to miss a thing.*



www.iqeye.com

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When you can't afford to miss a thing.

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IQeye700/750 series

MEGAPIXEL NETWORK CAMERAS



IQeye700 and IQeye750 Day/Night

Choose the IQeye700 for normal indoor/outdoor scenes and the IR Sensitive IQeye750 Day/Night for very low-light applications.

IQeye700/750 Series megapixel network cameras deliver best-in-class image quality, dynamic range and network stability you can rely on in the most challenging environments. These full featured cameras provide incredible hi-speed IQeye Resolution™ with exceptional low-light performance in a rugged, industrial compact package.

The IQeye700/750 delivers low-bandwidth video for remote viewing while simultaneously recording crisp, clear megapixel images. IQinVision continues to lead the industry in image quality, reliability and advanced camera features like PoE, on-camera storage and the Public View Port™ which makes focusing simple and integrates easily with legacy CCTV systems.

IQeye cameras are the smart solution ...
so you never miss a thing.

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IQeye511

NETWORK CAMERAS



Resolution On-Demand™

The IQeye511 delivers high-speed IP video and enhanced low-light performance in an attractive, low-profile package. Users can select the resolution they want, when they want it, from CCTV up to HDTV or even megapixel.

The IQeye511 includes our IQfocus™ utility, making it easy to install and support. Its industrial design and time-tested operating system ensures reliable operation in even the most demanding environments.

Every feature-rich IQeye is flexible and can be custom tailored for your application. Its rugged package is ideal for the professional installation where plastic, consumer-grade products fall short.

From small systems using IQrecorder™ on-camera NVR software to enterprise-wide NVR/DVR systems,* the IQeye511 lets you capture all the details.

www.iqeye.com

*For a complete list of compatible NVR/DVR systems, please visit www.iqeye.com.

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IQeye510

WIDE DYNAMIC RANGE IP CAMERA



Wide VGA and Global Shutter

Ideal for high speed applications like traffic, transportation and casinos, the IQeye510 Network Camera's global shutter technology captures high resolution images without the distortion that occurs with interlaced technology. The Wide VGA format lets you cover a wider area, so deployment is cost-effective, and Wide Dynamic Range lets you capture all the details in the most challenging lighting environments.

The IQeye510 delivers real-time, high quality video and best-in-class low-light performance in an attractive, low-profile industrial package. Installation and maintenance is simple and inexpensive with features like Power Over Ethernet and IQfocus™ utility. Like every IQeye, the IQeye510 is built on IQinVision's world class operating system that offers unmatched network stability and reliability, so you *never miss a thing*.

www.iqeye.com

*For a complete list of compatible NVR/DVR systems, please visit www.iqeye.com.

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IQeye300 series

SMART NETWORK CAMERAS



Indoor/Outdoor Megapixel Cameras

IQeye300 Series are full featured, programmable multi-megapixel network cameras and feature IQinVision's best-in-class image quality, dynamic range and network stability. They are ideal for construction site monitoring, web-attractions and remote viewing.

As a stand-alone camera, the IQeye300 integrates seamlessly with the leading Network Video Recording (NVR) systems. The IQeye Event Recording System includes everything you need to capture and store images to your network or on-camera *WITH NO BANDWIDTH.*

Customizing the IQeye300 series is simple. Whether you simply want to change the Graphical User Interface or access image information for video analytics, our complete API or available Software Developers Kit lets you do it all.

Every IQeye is designed to operate reliably in the most demanding environments and is the perfect choice for when you can't afford to miss a thing.

www.iqeye.com

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STANDARD IQeye FEATURES

- Power-Over-Ethernet
- LIGHTGRABBER™ Low Light Shutter Control
- Low Power CMOS
- Digital Pan/Tilt/Zoom

- Digital Image Cropping
- Dichroic IR Mirror Eliminates the Need for Expensive Auto-Iris Lenses
- Professional C/CS Lens Options

- Industrial-grade Captive Screws for all I/Os
- Digital Exposure Window
- Dynamic Text Overlay
- Privacy Windows

- FCC Class A and CE Approved and RoHS Compliant



IQ51x Vandal Dome Series



IQ51x Series



IQ7xx Series



| CAMERA | WDR Camera/Vandal Dome (DV) | | | | | | Day/Night Series with Removable IR Mirror | | |
|--|--|-----------------|--|-----------------|-----------------|--|---|-----------------|-----------------|
| | IQ510/DV | IQ511/DV | IQ701 | IQ702 | IQ703 | IQ705 | IQ752 | IQ753 | IQ755 |
| Megapixel | 0.4MP | 1.3MP | 1.3MP | 2.0MP | 3.1MP | 5.0MP | 2.0MP | 3.1MP | 5.0MP |
| Maximum Resolution | 752 x 480 | 1280 x 1024 | 1280 x 1024 | 1600 x 1200 | 2048 x 1536 | 2560 x 1920 | 1600 x 1200 | 2048 x 1536 | 2560 x 1920 |
| Max Frame Rate at 4:3 (ips) | 60 | 15 | 30 | 20 | 12 | 10 | 20 | 12 | 10 |
| Max Frame Rate at 16:9 (ips) | 60 | 21 | 43 | 27 | 16 | 13 | 27 | 16 | 13 |
| Sensitivity: Color (lux) | 0.4 | 0.2 | 0.1 | 0.2 | 0.3 | 0.3 | 0.2 | 0.3 | 0.3 |
| Sensitivity: B&W (lux) | N/A | N/A | N/A | N/A | N/A | N/A | < 0.05 | < 0.05 | < 0.05 |
| IR Range (nm) | N/A | N/A | N/A | N/A | N/A | N/A | 850 to 940 | 850 to 940 | 850 to 940 |
| Dynamic Range (dB) | 100 | 61 | 61 | 61 | 61 | 67 | 61 | 61 | 67 |
| Shutter Speed (sec) | 1/30,000 | 1/10,000 | 1/15,000 | 1/12,000 | 1/10,000 | 1/20,000 | 1/12,000 | 1/10,000 | 1/20,000 |
| Shutter Type | Global | Prog. Scan | Prog. Scan | Prog. Scan | Prog. Scan | Prog. Scan | Prog. Scan | Prog. Scan | Prog. Scan |
| Lens Format | 1/3" CS | 1/3" CS | 1/2" CS | 1/2" CS | 1/2" CS | 1/2" CS | 1/2" CS | 1/2" CS | 1/2" CS |
| SMART VIDEO | IQ510/DV | IQ511/DV | IQ701 | IQ702 | IQ703 | IQ705 | IQ752 | IQ753 | IQ755 |
| Video Stream | MJPEG | MJPEG | MJPEG MULTISTREAM | | | MJPEG MULTISTREAM | | | |
| Motion Detection | Multi-Zone Include/Exclude, Pixel-based Video Motion Detection | | | | | Multi-Zone Include/Exclude, Pixel-based Video Motion Detection | | | |
| Security | Encrypted Multi-Level User and Administrator Passwords, IP Address Filtering, IQauthenticate™ On-Camera Image Authentication | | | | | | | | |
| IQrecorder™ NVR Software | Optional | Optional | Optional | Optional | Optional | Optional | Optional | Optional | Optional |
| Exposure Window | Include | Include | Include/Exclude | Include/Exclude | Include/Exclude | Include/Exclude | Include/Exclude | Include/Exclude | Include/Exclude |
| IQnightlight™ | N/A | N/A | Optional | Optional | Optional | Optional | Optional | Optional | Optional |
| IQauthenticate™ | Optional | Optional | Optional | Optional | Optional | Optional | Optional | Optional | Optional |
| HARDWARE | IQ510/DV | IQ511/DV | IQ701 | IQ702 | IQ703 | IQ705 | IQ752 | IQ753 | IQ755 |
| Power Type | 12-24VDC or 24VAC and/or 802.3af PoE | | 12-24VDC or 24VAC and/or 802.3af Power-Over-Ethernet | | | 12-24VDC or 24VAC and/or 802.3af Power-Over-Ethernet | | | |
| Power Consumption (Watt) | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 |
| Analog Video Output (NTSC/PAL) | IQfocus | IQfocus | Full-Time | Full-Time | Full-Time | Full-Time | Full-Time | Full-Time | Full-Time |
| CF Slot for On-Camera Recording | N/A | N/A | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Alarm Input/Output | N/A | N/A | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Flash/RAM Memory (MB) | 4/16 | 4/16 | 4/64 | 4/64 | 4/64 | 4/64 | 4/64 | 4/64 | 4/64 |
| Operating Temperature Range | 0 to 40C | 0 to 40C | -20 to 50C | -20 to 50C | -20 to 50C | -20 to 50C | -20 to 50C | -20 to 50C | -20 to 50C |
| Typical File Size (KB @ Max Res.) | 45 | 100 | 100 | 140 | 225 | 400 | 140 | 225 | 400 |

ADDITIONAL SENTINEL FEATURES • Universal Mount • IP 66/NEMA 5 Environmental Rating • Single Tool Installation

SENTINEL SERIES

IQ8xx Series

| CAMERA | IQ811 | IQ802 | IQ803 | IQ805 | Day/Night Series with Removable IR Mirror | | |
|--|--|-----------------|-----------------|-----------------|--|-----------------|-----------------|
| | IQ852 | IQ853 | IQ855 | IQ852 | IQ853 | IQ855 | |
| Megapixel | 1.3MP | 2.0MP | 3.1MP | 5.0MP | 2.0MP | 3.1MP | 5.0MP |
| Maximum Resolution | 1280 x 1024 | 1600 x 1200 | 2048 x 1536 | 2560 x 1920 | 1600 x 1200 | 2048 x 1536 | 2560 x 1920 |
| Max Frame Rate at 4:3 (ips) | 30 | 20 | 12 | 10 | 20 | 12 | 10 |
| Max Frame Rate at 16:9 (ips) | 43 | 27 | 16 | 13 | 27 | 16 | 13 |
| Sensitivity: Color (lux) | 0.1 | 0.2 | 0.3 | 0.3 | 0.2 | 0.3 | 0.3 |
| Sensitivity: B&W (lux) | N/A | N/A | N/A | N/A | < 0.05 | < 0.05 | < 0.05 |
| IR Range (nm) | N/A | N/A | N/A | N/A | 850 to 940 | 850 to 940 | 850 to 940 |
| Dynamic Range (dB) | 61 | 61 | 61 | 67 | 61 | 61 | 67 |
| Shutter Speed (sec) | 1/15,000 | 1/12,000 | 1/10,000 | 1/20,000 | 1/12,000 | 1/10,000 | 1/20,000 |
| Shutter Type | Prog. Scan | Prog. Scan | Prog. Scan | Prog. Scan | Prog. Scan | Prog. Scan | Prog. Scan |
| Lens Format | 1/3" CS | 1/2" CS | 1/2" CS | 1/2" CS | 1/2" CS | 1/2" CS | 1/2" CS |
| SMART VIDEO | IQ811 | IQ802 | IQ803 | IQ805 | IQ852 | IQ853 | IQ855 |
| Video Stream | MJPEG MULTISTREAM | | | | MJPEG MULTISTREAM | | |
| Motion Detection | Multi-Zone Include/Exclude, Pixel-based Video Motion Detection | | | | | | |
| Security | Encrypted Multi-Level User and Administrator Passwords, IP Address Filtering, IQauthenticate™ On-Camera Image Authentication | | | | | | |
| IQrecorder™ NVR Software | Optional | Optional | Optional | Optional | Optional | Optional | Optional |
| Exposure Window | Include/Exclude | Include/Exclude | Include/Exclude | Include/Exclude | Include/Exclude | Include/Exclude | Include/Exclude |
| IQnightlight™ | Optional | Optional | Optional | Optional | Optional | Optional | Optional |
| IQauthenticate™ | Optional | Optional | Optional | Optional | Optional | Optional | Optional |
| HARDWARE | IQ811 | IQ802 | IQ803 | IQ805 | IQ852 | IQ853 | IQ855 |
| Power Type | 12-24VDC or 24VAC and/or 802.3af Power-Over-Ethernet | | | | 12-24VDC or 24VAC and/or 802.3af Power-Over-Ethernet | | |
| Power Consumption (Watt) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Analog Video Output (NTSC/PAL) | IQFocus™ | IQFocus™ | IQFocus™ | IQFocus™ | IQFocus™ | IQFocus™ | IQFocus™ |
| Alarm Input/Output | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Flash/RAM Memory (MB) | 4/64 | 4/64 | 4/64 | 4/64 | 4/64 | 4/64 | 4/64 |
| Operating Temperature Range | -30 to 50C | -30 to 50C | -30 to 50C | -30 to 50C | -30 to 50C | -30 to 50C | -30 to 50C |
| XT Temperature Range | -50 to 55C | -50 to 55C | -50 to 55C | -50 to 55C | -50 to 55C | -50 to 55C | -50 to 55C |
| Typical File Size (KB @ Max Res.) | 100 | 140 | 225 | 400 | 140 | 225 | 400 |

