

IQeye Sentinel

Megapixel Outdoor IP Camera

Features

- > Resolutions up to 5 MP
- > Remote Back Focus for Sharp Focusing
- > H.264 Main Profile + MJPEG Compression
- > 30 fps @ 1080p, 10 fps @ 5 MP
- > Day/Night Movable IR Filter
- > Lightgrabber™ II Low-Light Feature
- > Power-Over-Ethernet, 12-24 VDC, 24 VAC
- > IP66 / NEMA 4 Outdoor Enclosure
- > Outdoor Camera with Mounting
- > ONVIF and PSIA Compliant
- > 3 Year Warranty

The Sentinel is a full featured, multi-megapixel H.264 Main Profile all-weather camera. With support for up to 5 MP resolutions, this next generation camera provides multiple, individually configured H.264 and simultaneous MJPEG streams. Designed with the installer in mind, innovative features drastically reduce installation costs and time:

- Remote back focus greatly reduces installation time using the One-Touch-Focus feature for sharp images, and allows fine focus adjustments from a remote computer eliminating the need for manual focus adjustments at the camera
- Ethernet terminal punch-down eliminates the need to terminate with an RJ45 connector
- Steel camera hangers allow the installer to work with both hands

In addition, the wall, ceiling, parapet options, rugged aluminum construction, and IP66 weather resilience allow the camera to be installed in almost any harsh environment. At less than 8W power consumption, the Sentinel can be fully operational using only Power-over-Ethernet.



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Specifications

Video

Compression	H.264 and MJPEG
H.264 Profile	Main
Sensor	1/3" CMOS , 1/2.5" CMOS for 5 MP
JPEG Compression Quality Settings	User Configurable
Shutter Speed	Auto/Programmable/Fixed
Image Settings	Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II
Exposure	User Configurable
White Balance	Auto/Programmable
Backlight Compensation	Auto
IR Range	800 to 940 nm

Features

Virtual Cameras	User Configurable Windows
Image Crop	User Configurable Windows
Motion Detection	User Configurable Windows
Access Hours	User Configurable
Time Lapse Recording	User Configurable
Event Based Recording	User Configurable
Flip and Rotate	90, Horizontal, Vertical
Focus Assist	Remote Back Focus with One-Touch-Focus
Analytics Ready	Yes
On-Camera IQapps	IQaccess, IQrecorder, IQevent
System Integration	ONVIF, PSIA, IQfinder, IQmanager, IQsentry. Direct-to-Storage

Network

Supported Protocols	TCP/IP, HTTP, HTTPS, DHCP, UDP, RTP, RTSP, DNS, ARP, ICMP, NTP, UPnP, ZeroConf, APIPA, CIFS, SNMP, UDP multicast, FTP, SMTP, Telnet
Password Protection	Secure Multi-level
Input/Output	
Input Power	Power over Ethernet 802.3af Class 3, 24 VAC, 12-24 VDC
Power Consumption	< 8W Including Heater
AC Lighting	50 Hz/60 Hz Selectable
Network Interface	RJ45 10Base-T/100Base-TX
Physical I/O	1 input, 1 output

Misc

Ingress Protection Rating	IP66, NEMA 4
Approvals	FCC, CE
Temperature Range	-22°F to 122°F, -30°C to 50°C
Weight (grams)	2839 g
Warranty	3 year
Lens Options	V6 Telephoto Lens 1/2" CS, 12-40 mm, F1.8, IR V7 Wide Angle Lens 1/2" CS, 4-12 mm, F1.4, IR W2 Wide Angle Lens 1/2" CS, 1.8-3 mm, F1.4 IR
Accessories	IQ800-PMA Pole Mount Adaptor IQ800-JBC Junction Box Cover IQ800-JB+C Junction Box with Cover

Product Configurations

Part Number	Max Resolution	Max Framerate	Min Illumination	Compatible Lens
IQ861NE	HD720p – 1280 x 720	60 fps	Color: 0.1 lux, B/W: <0.05 lux	V6, V7
IQ862NE	HD1080p – 1920 x 1080	30 fps	Color: 0.2 lux, B/W: <0.05 lux	V6, V7, W2
IQ863NE	3.6MP – 2560 x 1440	16 fps	Color: 0.3 lux, B/W: <0.05 lux	V6, V7, W2
	3.1 MP – 2048 x 1536	20 fps	Color: 0.3 lux, B/W: <0.05 lux	V6, V7, W2
IQ865NE	5 MP – 2592 x 1944	10 fps	Color: 0.3 lux, B/W: <0.05 lux	V6, V7, W2

Dimensions

