IQeye Sentinel
Megapixel Outdoor IP Camera

Features

> Resolutions up to 5 MP, HD1080p (832)
> H.264 Main Profile + MJPEG Compression
> 30 fps @ 1.3 MP, 10 fps @ 5 MP
> 30 fps @ HD1080p (832)
> Day/Night Movable IR Filter on 85x and 832N
> Lightgrabber™ II Low-light Feature
> Power Over Ethernet, 12-24VDC, 24VAC
> IP66 / NEMA 4 Outdoor Enclosure
> Outdoor Camera with Mounting
> ONVIF and PSIA Compliant (832)
> 3 Year Warranty

Available in 1080p H.264 Main profile and 1.3, 2, 3 and 5 MJPEG models, the Sentinel Series provides the flexibility to monitor any outdoor area, including parking lots, building exteriors, campus perimeters and warehouses. The all-weather Sentinel Series cameras were designed with the installer in mind. The innovative features like Ethernet terminal punch-down (eliminating the need to terminate with an RJ45 connector) and brass camera hangers allow the installer to work with both hands at once saving time and money while eliminating frustration. The wall, ceiling and parapet mounting options, rugged aluminum construction and IP66 weather resilience allow the camera to be installed virtually anywhere, especially harsh environments. At less than 7W power consumption, the Sentinel can be fully operational using only Power-over-Ethernet.

IQ inVision

IQeye Sentinel

Megapixel Outdoor IP Camera

IQinVision ®

Specifications

Video

Compression	H.264 (832 Only) and MJPEG
H.264 Profile	Main (832)
Sensor	1/3" CMOS 1 MP, HD1080p 1/2" CMOS for 2 MP and 3 MP 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 (80x, 85x)
Privacy Mask	User Configurable Windows (80x, 85x)
Motion Detection	User Configurable Windows
Access Hours	User Configurable
Time Lapse Recording	User Configurable
Event Based Recording	User Configurable
Cropping	User Configurable Windows (80x, 85x)
Flip and Rotate	90, Horizontal, Vertical
Analog Service Port	NTSC/PAL
Focus Assist	IQfocus (80x, 85x)
Analytics Ready	Yes
On-Camera IQapps	IQaccess, (IQauthenticate, IQnightlight, IQrecorder on 80x/85x)
System Integration	IQfinder, IQmanager, IQsentry, (ONVIF, PSIA on 832)

Network

Supported Protocols	TCP/IP, HTTP, DHCP, UDP, RTP, RTSP, DNS, ARP, ICMP, NTP, SNMP, FTP, SMTP, Telnet (HTTPS, UPnP, ZeroConf, APIPA, UDP multicast, CIFS on 832)
Password Protection	Secure Multi-level

Input/Output

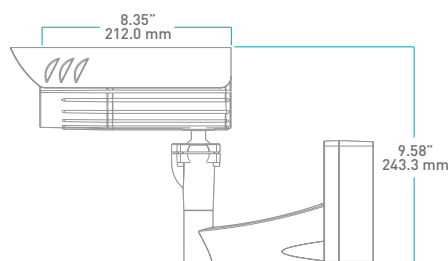|	
Input Power	Power over Ethernet 802.3af Class 2, 24 VAC, 12-24 VDC
Power Consumption	‹ 7W (typical)
AC Lighting	50 Hz/60 Hz Selectable
Network Interface	RJ45 10Base-T/100Base-TX
Physical I/O	1 input, 1 output

Misc

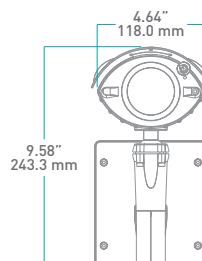|	
Ingress Protection Rating	IP66, NEMA 4
Approvals	FCC, CE
Temperature Range	-22°F to 122°F, -30°C to 50°C
Weight (grams)	2839 g
Warranty	3 years
Lens Options	V3 Wide Angle Lens 1/2" CS, 4.5-10 mm, F1.6, IR V4 Telephoto Lens 1/3" CS, 5-50 mm, F1.3 V6 Telephoto Lens 1/2" CS, 12-40 mm, F1.8, IR V7 Wide Angle Lens 1/2" CS, 4-12 mm, F1.4, IR W2 Wide Angle Lens 1/2" CS, 4-12 mm, F1.4 IR
Accessories	IQ800-PMA Pole Mount Adaptor IQ800-JBC Junction Box Cover IQ800-JB+C Junction Box with Cover

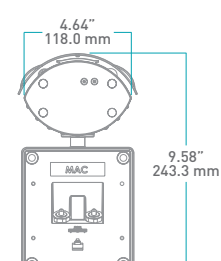|	Part Number	Max Resolution	Max Framerate	Min Illumination	Compatible Lens
H.264 Day/Night	IQ832N	HD1080p - 1920 x 1080	30 fps	Color: 0.3 lux, B/W: ‹0.05 lux	V6, V7, W2
H.264 Day Only	IQ832S	HD1080p - 1920 x 1080	30 fps	Color: 0.3 lux	V6, V7
MJPEG	IQ851	1 MP - 1280 x 1024	30 fps	Color: 0.2 lux, B/W: ‹0.05 lux	V3, V6
Day/Night	IQ852	2 MP - 1600x1200	20 fps	Color: 0.2 lux, B/W: ‹0.05 lux	V6, V7, W2
with IR filter	IQ853	3 MP - 2048 x 1536	12 fps	Color: 0.3 lux, B/W: ‹0.05 lux	V6, V7, W2
	IQ855	5 MP - 2560 x 1920	10 fps	Color: 0.3 lux, B/W: ‹0.05 lux	V6, V7, W2
MJPEG	IQ811	1 MP - 1280 x 1024	30 fps	Color: 0.2 lux	V4, V7
Day Only	IQ802	2 MP - 1600 x 1200	20 fps	Color: 0.2 lux	V6, V7
	IQ803	3 MP - 2048 x 1536	12 fps	Color: 0.3 lux	V6, V7
	IQ805	5 MP - 2560 x 1920	10 fps	Color: 0.3 lux	V6, V7

Dimensions

8.35" 212.0 mm · 9.58" 243.3 mm

Side

4.64" 118.0 mm · 9.58" 243.3 mm

Front

4.64" 118.0 mm · MAC · 9.58" 243.3 mm

Back