

Sentinel Series Camera Models



Model	IQ861WE	IQ862WE	IQ863WE	IQ865NE	IQ8712NE
Megapixel Rating	1.0 MP	2.0 MP	3.1MP	5.0 MP	12.0 MP
Maximum Resolution	1280 x 720 (HD720p)	1920 x 1080 (HD1080p)	2048 x 1536	2560 x 1920	4000 x 3000
Max Frame Rate - Standard (fps)	30	30	20	10	15
Video Compression	H.264 (Main Profile) and MJPEG				
Day/Night	Yes				
Sensitivity: Color (lux)	0.2	0.2	0.2	0.3	0.2
Sensitivity: B&W (lux)	<0.05				
IR Range (sensor)	800 to 940 nm				
Dynamic Range (dB)	100 (WDR sensor)			71	70
Shutter Speed (s)	1/20,000			1/8,000	
Lens Format	1/3" CS			1/2.5" CS	1/2.3" CS
Audio					
Audio Support	N/A				Two Way
Speaker	N/A				External
Microphone	N/A				External
Audio Compression	N/A				G.711 PCM 8 kHz
Event Handling					
Motion Detection	Multi-Zone (User Configurable)				
Physical Input/Output	1/1				
Imaging Features					
Auto Focus	N/A				
Electronic Back Focus	Yes				
White Balance	Auto / Programmable				
Exposure	User Configurable				
Backlight Compensation	Auto				
Image Settings	Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II				
Image Orientation	180°, Horizontal, Vertical				
Corridor Format Option	Yes	Yes (Up to HD1080p)			N/A
Lens Field of Views					
Wide	V17 (3.3-10 mm) [27° -70°]	V17 (3.3-10mm) [27° -70°]	V17 (3.3-10 mm) [35°-98°]	V17 (3.3-10mm) [27°-70°]	V18 (4.5-10mm) [41°-80°]
Ultra Wide	N/A	W2 (1.8-3 mm) [75° -106°]	W2 (1.8-3 mm) [87° -115°]	W2 (1.8-3 mm) [75°-106°]	N/A
Telephoto	V6 (12-40 mm) [9°-18°]	V6 (12-40 mm) [9°-18°]	V6 (12-40 mm) [11°-30°]	V6 (12-40 mm) [9°-18°]	N/A
Power Requirements					
Power Type	PoE (802.3af Class 3), Aux 24V AC and Aux 12-24V DC				
Power Consumption (Watt)	<8.0W				
Additional Features					
Utilities	IQfinder, IQmanager, IQaccess				N/A
IQapps	IQanalytics (license required), Agent Vi® (AgentVi® SW license required)				N/A
On-Camera Storage	N/A				Yes (via USB)
Analytics Ready	Yes				
Analog Video Output (NTSC/PAL)	N/A				Full-Time
Operating Temperature Range (°C)	-30°C to 50°C [-22°F to 122°F]				
Ingress Protection Rating	IP66, NEMA 4				
Approvals	FCC, CE, UL, cUL, RoHS 2				
Warranty	3 Years				
Dimensions and Weight					
Height x Width x Depth (mm)	243.2 x 124.0 x 390.1				
Weight (gms)	2839				????