



Product Comparison Matrix

Product Comparison Matrix



Alliance-pro



Alliance-mx



Alliance-mini

Model	IQA30N	IQA31N	IQA32N	IQA33N	IQA35N	IQM30NE	IQM31NE	IQM32NE	IQD30SV	IQD31SV	IQD32SV
Megapixel Rating	0.3 MP	1.0 MP	2.0 MP	3.6 MP	5.0 MP	0.3 MP	1.0 MP	2.0 MP	0.3 MP	1.0 MP	2.0 MP
Maximum Resolution	720 x 480 (SD480p)	1280 x 720 (HD720p)	1920 x 1080 (HD1080p)	2560 x 1440	2560 x 1920	720 x 480 (SD480p)	1280 x 720 (HD720p)	1920 x 1080 (HD1080p)	720 x 480 (SD480p)	1280 x 720 (HD720p)	1920 x 1080 (HD1080p)
Max Frame Rate - Standard (fps)	30	60	30	16*	10	60		30	60		30
Video Compression	H.264 (Main Profile) and MJPEG					H.264 (Main Profile) and MJPEG			H.264 (Main Profile) and MJPEG		
Day/Night	Yes					Yes			N/A		
Sensitivity: Color (lux)	0.1		0.2		0.3	0.1		0.2	0.1		0.2
Sensitivity: B&W (lux)	<0.05					<0.05			N/A		
IR Range (nm)	800 to 940					800 to 940			N/A		
Dynamic Range (dB)	74		70		71	74		70	74		70
Shutter Speed (s)	1/12,000			1/20,000		1/12,000		1/20,000	1/12,000		1/20,000
Lens Format	1/3" M14				1/2.5" M14	1/3" M14			1/3" M12		
Audio											
Audio Support	Two-Way					Two-Way			Two-Way		
Speaker	External					External			External		
Microphone	External					External			Internal / External		
Audio Compression	G.711 PCM 8 kHz					G.711 PCM 8 kHz			G.711 PCM 8 kHz		
Event Handling											
Motion Detection	Multi-Zone (User Configurable)					Multi-Zone (User Configurable)			Multi-Zone (User Configurable)		
Physical Input/Output	1/1					N/A			N/A		
Imaging Features											
Electronic Back Focus	N/A					N/A			N/A		
Cropping	Yes					N/A			N/A		
White Balance	Auto / Programmable					Auto / Programmable			Auto / Programmable		
Exposure	User Configurable					User Configurable			User Configurable		
Backlight Compensation	Auto					Auto			Auto		
Image Settings	Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II					Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II			Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II		
Flip and Rotate	90, Horizontal, Vertical					180°, Horizontal, Vertical			180°, Horizontal, Vertical		
Lens Field of Views											
Wide	B5 (3-13 mm) / [27°-89°]		B5 (3-13 mm) / [32°-94°]	B5 (3-13 mm) / [26°-71°]	B5 (3-13 mm) / [27°-76°]	B5 (3-13 mm) / [27°-76°]		B5 (3-13 mm) / [32°-94°]	F1 (4.2 mm) / [48°]		F1 (4.2 mm) / [65°]
Ultra Wide	N/A					N/A			F2 (2.8 mm) / [58°]		
Telephoto	N/A					N/A			F3 (8.0 mm) / [20°]		
Power Requirements											
Power Type	PoE, Aux 24V AC and Aux 12-24V DC					PoE			PoE		
PoE Class	Class 1 (NI & NE Models) / Class 2 (NX Models)					Class 1			Class 1		
Power Consumption (Watt)	<3.4W (NI & NE Models) / <5.2W (NX Models)					<3.8W			<3.8W		
Additional Features											
System Integration	ONVIF, PSIA, IQfinder, IQmanager, IQsentry, IQevent, Direct-To-Storage					ONVIF, PSIA, IQfinder, IQmanager, IQsentry, IQevent, Direct-To-Storage			ONVIF, PSIA, IQfinder, IQmanager, IQsentry, IQevent, Direct-To-Storage		
IQrecorder NVR Software	Yes					N/A			N/A		
On-Camera Storage	MicroSD Class 6+					N/A			N/A		
Analytics Ready	Yes					N/A			N/A		
IQnightlight	N/A					N/A			N/A		
IQaccess	Yes					Yes			Yes		
Analog Video Output (NTSC/PAL)	Start-up					N/A			N/A		
Operating Temperature Range (°C)	-20° to 50°C (NI & NE Models) / -30° to 50°C (NX Models)					-20° to 50°C			0° to 40°C		
Warranty	5 Years					5 Years			5 Years		
Dimensions and Weight											
Height x Width x Depth (mm)	98.6 x 146.2 x 146.2 (NI Models) / 137.6 x 146.2 x 146.2 (NE & NX Models)					97.3 x 150.0 x 150.0			70.7 x 90.0 x 115.0		
Weight (gms)	746 (NI) / 1186 (NE) / 1193 (NX)					900			298 Vandal		

* IQA33N Maximum frame rate = 20 fps at a maximum resolution of 3.1 MP (2048 x 1536)

Product Comparison Matrix



Sentinel Series



7 Series

Model	IQ861NE	IQ862NE	IQ863NE	IQ865NE
Megapixel Rating	1.0 MP	2.0 MP	3.6 MP	5.0 MP
Maximum Resolution	1280 x 720 (HD720p)	1920 x 1080 (HD1080p)	2560 x 1440	2560 x 1920
Max Frame Rate - Standard (fps)	60	30	16 *	10
Video Compression	H.264 (Main Profile) and MJPEG			
Day/Night	Yes			
Sensitivity: Color (lux)	0.1	0.2	0.3	
Sensitivity: B&W (lux)	<0.05			
IR Range (nm)	800 to 940			
Dynamic Range (dB)	74	70	71	
Shutter Speed (s)	1/12,000	1/20,000		
Lens Format	1/3" CS		1/2.5" CS	
Audio				
Audio Support	N/A			
Speaker	N/A			
Microphone	N/A			
Audio Compression	N/A			
Event Handling				
Motion Detection	Multi-Zone (User Configurable)			
Physical Input/Output	1/1			
Imaging Features				
Electronic Back Focus	Yes			
Cropping	Yes			
White Balance	Auto / Programmable			
Exposure	User Configurable			
Backlight Compensation	Auto			
Image Settings	Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II			
Flip and Rotate	180°, Horizontal, Vertical			
Lens Field of Views				
Wide	V7 (4-12 mm) / [31°-75°]	V7 (4-12 mm) / [27°-63°]	V7 (4-12 mm) / [25°-58°]	V7 (4-12 mm) / [30° - 74°]
Ultra Wide	N/A			
Telephoto	V6 (12-40 mm) / [7°-23°]	V6 (12-40 mm) / [9°-28°]	V6 (12-40 mm) / [9°-25°]	V6 (12-40 mm) / [9°-28°]
Power Requirements				
Power Type	PoE, Aux 24V AC and Aux 12-24V DC			
PoE Class	Class 3			
Power Consumption (Watt)	<8.0W			
Additional Features				
System Integration	ONVIF, PSIA, IQfinder, IQmanager, IQsentry, IQevent, Direct-To-Storage			
IQrecorder NVR Software	No			
On-Camera Storage	N/A			
Analytics Ready	Yes			
IQnightlight	N/A			
IQaccess	Yes			
Analog Video Output (NTSC/PAL)	N/A			
Operating Temperature Range (°C)	-30° to 50°C			
Warranty	3 Years			
Dimensions and Weight				
Height x Width x Depth (mm)	243.2 x 124.0 x 390.1			
Weight (gms)	2839			

Model	IQ761NI	IQ762NI	IQ763NI	IQ765NI
Megapixel Rating	1.0 MP	2.0 MP	3.6 MP	5.0 MP
Maximum Resolution	1280 x 720 (HD720p)	1920 x 1080 (HD1080p)	2560 x 1440	2560 x 1920
Max Frame Rate - Standard (fps)	60	30	16 *	10
Video Compression	H.264 (Main Profile) and MJPEG			
Day/Night	Yes			
Sensitivity: Color (lux)	0.1	0.2	0.3	
Sensitivity: B&W (lux)	<0.05			
IR Range (nm)	800 to 940			
Dynamic Range (dB)	74	70	71	
Shutter Speed (s)	1/12,000	1/20,000		
Lens Format	1/3" CS		1/2.5" CS	
Audio				
Audio Support	Two Way			
Speaker	External			
Microphone	Internal / External			
Audio Compression	G.711 PCM 8 kHz			
Event Handling				
Motion Detection	Multi-Zone (User Configurable)			
Physical Input/Output	1/1			
Imaging Features				
Electronic Back Focus	Yes			
Cropping	Yes			
White Balance	Auto/Programmable			
Exposure	User Configurable			
Backlight Compensation	Auto			
Image Settings	Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II			
Flip and Rotate	180°, Horizontal, Vertical			
Lens Field of Views				
Wide	V16 (2.8-12 mm) / [28°-89°]	V16 (2.8-12 mm) / [33°-100°]	V16 (2.8-12 mm) / [32°-103°]	V7 (4-12 mm) / [30° - 74°]
Ultra Wide	N/A			
Telephoto	V6 (12-40 mm) / [7°-23°]	V6 (12-40 mm) / [9°-28°]	V6 (12-40 mm) / [9°-25°]	V6 (12-40 mm) / [9°-28°]
Power Requirements				
Power Type	PoE, Aux 24V AC and Aux 12-24V DC			
PoE Class	Class 3			
Power Consumption (Watt)	<8.0W			
Additional Features				
System Integration	ONVIF, PSIA, IQfinder, IQmanager, IQsentry, IQevent, Direct-to-Storage			
IQrecorder NVR Software	Yes			
On-Camera Storage	Yes			
Analytics Ready	Yes			
IQnightlight	N/A			
IQaccess	Yes			
Analog Video Output (NTSC/PAL)	Full-time			
Operating Temperature Range (°C)	0° to 40°C			
Warranty	3 Years			
Dimensions and Weight				
Height x Width x Depth (mm)	58.6 x 77.2 x 155.9			
Weight (gms)	353			

* IQ863 Maximum frame rate = 20 fps at a maximum resolution of 3.1 MP (2048 x 1536)

Product Comparison Matrix



03 Series

Model	IQ030SI	IQ031SI	IQ032SI
Megapixel Rating	0.3 MP	1.0 MP	2.0 MP
Maximum Resolution	720 x 480 (SD480p)	1280 x 720 (HD720p)	1920 x 1080 (HD1080p)
Max Frame Rate - Standard (fps)	60	30	
Video Compression	H.264 (Main Profile) and MJPEG		
Day/Night	N/A		
Sensitivity: Color (lux)	0.1	0.2	
Sensitivity: B&W (lux)	N/A		
IR Range (nm)	N/A		
Dynamic Range (dB)	74	70	
Shutter Speed (s)	1/12,000	1/20,000	
Lens Format	1/3" CS		
Audio			
Audio Support	One-Way		
Speaker	N/A		
Microphone	Internal		
Audio Compression	G.711 PCM 8 kHz		
Event Handling			
Motion Detection	Multi-Zone (User Configurable)		
Physical Input/Output	N/A		
Imaging Features			
Electronic Back Focus	N/A		
Cropping	N/A		
White Balance	Auto / Programmable		
Exposure	User Configurable		
Backlight Compensation	Auto		
Image Settings	Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II		
Flip and Rotate	180°, Horizontal, Vertical		
Lens Field of Views			
Wide	V11 (3.5-9 mm) / [22° - 49°]	V11 (3.5-9 mm) / [31° - 70°]	V11 (3.5-9 mm) / [41° - 94°]
Ultra Wide	N/A		
Telephoto	N/A		
Power Requirements			
Power Type	PoE		
PoE Class	Class 1		
Power Consumption (Watt)	<3.8W		
Additional Features			
System Integration	ONVIF, PSIA, IQfinder, IQmanager, IQsentry, IQevent, Direct-To-Storage		
IQrecorder NVR Software	N/A		
On-Camera Storage	N/A		
Analytics Ready	N/A		
IQnightlight	N/A		
IQaccess	Yes		
Analog Video Output (NTSC/PAL)	N/A		
Operating Temperature Range (°C)	0° to 40°C		
Warranty	5 Years		
Dimensions and Weight			
Height x Width x Depth (mm)	50.3 x 62.5 x 78.0		
Weight (gms)	193		

Quality and Environmental Responsibility Policy

IQinVision products are designed, manufactured and delivered using processes that ensure the highest possible quality, and eco-friendly standards are maintained. All our camera products are designed and engineered in the United States at our San Juan Capistrano, CA headquarters. They are tested and verified by third-party laboratories to comply with the appropriate internationally recognized quality, regulatory and environmental standards.

IQinVision utilizes third-party contract manufacturing partners to assemble our products. These partners have been certified to the ISO9001 quality management system and to environmental management systems that meet IQinVision requirements and standards. Our third-party contract manufacturing partners are located in multiple locations internationally.

Functional testing processes and procedures for the cameras are developed by IQinVision and 100% of the cameras are thoroughly tested at both ambient and elevated temperatures for greater product reliability. All components, suppliers and subassembly products sourced and qualified by IQinVision are certified to the ISO9001 quality management system.

Each camera undergoes final testing and Quality Assurance verification at IQinVision's Operations Center at our corporate headquarters in San Juan Capistrano, CA, USA before customer delivery.