



Product Comparison Matrix

Product Comparison Matrix



Alliance-pro



Alliance-mx



Alliance-mini

Model	IQA30N	IQA31N	IQA32N	IQA33N	IQA35N
Megapixel Rating	0.3 MP	1.0 MP	2.0 MP	3.6 MP	5.0 MP
Maximum Resolution	720 x 480 (SD480p)	1280 x 720 (HD720p)	1920 x 1080 (HD1080p)	2560 x 1440	2560 x 1920
Max Frame Rate - Standard (fps)	30	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" M14				1/2.5" M14
Audio					
Audio Support	Two-Way				
Speaker	External				
Microphone	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	N/A				
Cropping	Yes				
White Balance	Auto / Programmable				
Exposure	User Configurable				
Backlight Compensation	Auto				
Image Settings	Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II				
Flip and Rotate	90, 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°]	
Ultra Wide	N/A				
Telephoto	N/A				
Power Requirements					
Power Type	PoE, Aux 24V AC and Aux 12-24V DC				
PoE Class	Class 1 (NI & NE Models) / Class 2 (NX Models)			Class 1	
Power Consumption (Watt)	<3.4W (NI & NE Models) / <5.2W (NX Models)			<3.8W	
Additional Features					
System Integration	ONVIF, PSIA, IQfinder, IQmanager, IQsentry, IQevent, Direct-To-Storage				
IQrecorder NVR Software	Yes				
On-Camera Storage	MicroSD Class 6+				
Analytics Ready	Yes				
IQnightlight	N/A				
IQaccess	Yes				
Analog Video Output (NTSC/PAL)	Start-up				
Operating Temperature Range (°C)	-20° to 50°C (NI & NE Models) / -30° to 50°C (NX Models)			-20° to 50°C	
Warranty	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)				
Weight (gms)	746 (NI) / 1186 (NE) / 1193 (NX)				

Model	IQM30NE	IQM31NE	IQM32NE
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	Yes		
Sensitivity: Color (lux)	0.1		0.2
Sensitivity: B&W (lux)	<0.05		
IR Range (nm)	800 to 940		
Dynamic Range (dB)	74		70
Shutter Speed (s)	1/12,000		1/20,000
Lens Format	1/3" M14		
Audio			
Audio Support	Two-Way		
Speaker	External		
Microphone	External		
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	B5 (3-13 mm) / [27°-76°]		B5 (3-13 mm) / [32°-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)	-20° to 50°C		
Warranty	5 Years		
Dimensions and Weight			
Height x Width x Depth (mm)	97.3 x 150.0 x 150.0		
Weight (gms)	900		

Model	IQD30SV	IQD31SV	IQD32SV
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" M12		
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	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	F1 (4.2 mm) / [48°]		F1 (4.2 mm) / [65°]
Ultra Wide	F2 (2.8 mm) / [58°]	F2 (2.8 mm) / [86°]	F4 (3.6 mm) / [95°]
Telephoto	F3 (8.0 mm) / [20°]	F3 (8.0 mm) / [31°]	F3 (8.0 mm) / [28°]
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)	70.7 x 90.0 x 115.0		
Weight (gms)	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	IQ0305I	IQ0315I	IQ0325I
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.