

Product Comparison Matrix



Alliance-mini



Alliance-mx

Model	IQD30SI/IQD30SV	IQD31SI/IQD31SV	IQD32SI/IQD32SV	IQD40SI/IQD40SV	IQD41SI/IQ41SV	IQD42SI/IQD42SV	IQM30NE	IQM31NE	IQM32NE
Megapixel Rating	0.3 MP	1.0 MP	2.0 MP	0.3 MP	1.3 MP	2.0 MP	0.3 MP	1.0 MP	2.0 MP
Maximum Resolution	SD480p - 720 x 480	HD720p - 1280 x 720	HD1080p - 1920 x 1080	SD480p - 720 x 480	1280 x 1024	1600 x 1200	SD480p - 720 x 480	HD720p - 1280 x 720	HD1080p - 1920 x 1080
Max Frame Rate - Standard (fps)	30		15	33	18	17	30		15
Video Compression	H.264 (Main Profile) and MJPEG			MJPEG			H.264 (Main Profile) and MJPEG		
Day/Night	N/A			N/A			Yes		
Sensitivity: Color (lux)	0.1		0.2	0.2			0.1		0.2
Sensitivity: B&W (lux)	N/A			N/A			<0.05		
IR Range (nm)	N/A			N/A			800 to 940		
Dynamic Range (dB)	74		70	71			74		70
Shutter Speed (s)	1/12,000		1/20,000	1/12,000			1/12,000		1/20,000
Lens Format	1/3" M12			1/3" M12			1/3" M14		
Audio									
Audio Support	Two Way			N/A			Two Way		
Speaker	External			N/A			External		
Microphone	Internal / External			N/A			External		
Audio Compression	G.711 PCM 8 kHz			N/A			G.711 PCM 8 kHz		
Event Handling									
Motion Detection	Multi-Zone (User Configurable)			Multi-Zone (User Configurable)			Multi-Zone (User Configurable)		
Physical Input/Output	N/A			N/A			N/A		
Imaging Features									
Cropping	N/A			User Configurable			N/A		
White Balance	Auto / Programmable			Auto			Auto / Programmable		
Exposure	User Configurable			User Configurable			User Configurable		
Backlight Compensation	Auto			N/A			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			N/A			90, Horizontal, Vertical		
Power Requirements									
Power Type	PoE			PoE			PoE		
PoE Class	Class 1			Class 1			Class 1		
Power Consumption (Watt)	<3.8W			<2.8W			<3.8W		
Additional Features									
System Integration	ONVIF, PSIA, IQfinder, IQmanager, IQsentry			ONVIF, PSIA, IQfinder, IQmanager, IQsentry			ONVIF, PSIA, IQfinder, IQmanager, IQsentry		
IQrecorder NVR Software	N/A			N/A			N/A		
On-Camera Storage	N/A			N/A			N/A		
Analytics Ready	N/A			N/A			N/A		
IQnightlight	N/A			N/A			N/A		
IQaccess	Yes			N/A			Yes		
Analog Video Output (NTSC/PAL)	N/A			N/A			N/A		
Operating Temperature Range (°C)	0° to 40°C			0° to 40°C			-20° to 50°C		
Warranty	5 Years			5 Years			3 Years		
Dimensions and Weight									
Height x Width x Depth (mm)	70.7 x 90.0 x 115.0			70.7 x 90.0 x 115.0			97.3 x 150 x 150		
Weight (gms)	252.9 Standard / 298.2 Vandal			252.9 Standard / 298.2 Vandal			900		

Alliance-mini, Alliance-mx Features

- > Power-over-Ethernet
- > Low-Power Consumption
- > Simple Installation
- > Network Reliability
- > Affordable and Versatile
- > Progressive Scan CMOS
- > Encrypted Multi-Level Passwords

Product Comparison Matrix



Alliance-pro MJPEG



Alliance-pro H.264

Model	IQA10S/IQA10N	IQA11S/IQA11N	IQA12S/IQA12N	IQA13S/IQA13N	IQA15S/IQA15N	IQA30N	IQA31N	IQA32N	IQA33N	IQA35N
Megapixel Rating	0.3 MP	1.3 MP	2.0 MP	3.1 MP	5.0 MP	0.3 MP	1.0 MP	2.0 MP	3.0 MP	5.0 MP
Maximum Resolution	640 x 480	1280 x 1024	1600 x 1200	2048 x 1536	2560 x 1920	SD480p - 720 x 480	HD720p - 1280 x 720	HD1080p - 1920 x 1080	2048 x 1536	2560 x 1920
Max Frame Rate - Standard (fps)	30	15	15	12	10	30				
Video Compression	MJPEG					H.264 (Main Profile) and MJPEG				
Day/Night	N/A / Yes					Yes				
Sensitivity: Color (lux)	0.2					0.1		0.2		0.3
Sensitivity: B&W (lux)	N/A / <0.05					<0.05				
IR Range (nm)	N/A / 800 to 940					800 to 940				
Dynamic Range (dB)	61			71		74		70		71
Shutter Speed (s)	1/12,000			1/20,000		1/12,000			1/20,000	
Lens Format	1/3" M14				1/2.5" M14	1/3" M14				1/2.5" M14
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)					Multi-Zone (User Configurable)				
Physical Input/Output	1/1					1/1				
Imaging Features										
Cropping	User Configurable Windows					N/A				
White Balance	Auto/Programmable					Auto/Programmable				
Exposure	User Configurable					User Configurable				
Backlight Compensation	Auto					Auto				
Image Settings	Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II, Gain Styles					Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II, Gain Styles				
Flip and Rotate	90, Horizontal, Vertical					90, Horizontal, Vertical				
Power Requirements										
Power Type	PoE and 12-24V DC and Aux					PoE, Aux 24V AC and Aux 12-24V DC				
PoE Class	Class 1 (SI, NI, SE, NE) / Class 2 (NX Models)					Class 1 (NI & NE Models) / Class 2 (NX Models)				
Power Consumption (Watt)	<3.1W (SI, NI, SE, NE) / <5.1W (NX Models)					<3.4W (NI & NE Models) / <5.2W (NX Models)				
Additional Features										
System Integration	IQfinder, IQmanager, IQsentry					ONVIF, PSIA, IQfinder, IQmanager, IQsentry				
IQrecorder NVR Software	Yes					N/A				
On-Camera Storage	SDHC					MicroSD Class 6+				
Analytics Ready	Yes					Yes				
IQnightlight	Yes					N/A				
IQaccess	Yes					Yes				
Analog Video Output (NTSC/PAL)	Full-time / IQfocus					Start-up				
Operating Temperature Range (°C)	0° to 40°C (SI + NI Models) / -20° to 50°C (SE + NE Models) / -30° to 50°C (NX Models)					-20° to 50°C (NI & NE Models) / -30° to 50°C (NX Models)				
Warranty	3 Years					3 Years				
Dimensions and Weight										
Height x Width x Depth (mm)	98.6 x 146.2 x 146.2 (SI + NI Models) / 137.6 x 146.2 x 146.2 Exterior Models (SE, NE, NX Models)					98.6 x 146.2 x 146.2 (NI Models) / 137.6 x 146.2 x 146.2 (NE & NX Models)				
Weight (gms)	852 Interior Models (SI + NI Models) / 1209 Exterior Models (SE, NE, NX Models)					746 (NI) / 1186 (NE) / 1193 (NX)				

Alliance-pro Features

- > Power-over-Ethernet
- > Network Reliability
- > Privacy Windows
- > Low-Power Consumption
- > Progressive Scan CMOS
- > Encrypted Multi-Level Passwords
- > Simple Installation

Product Comparison Matrix



Sentinel series



700/750 Series

Model	IQ811/IQ851	IQ802/IQ852	IQ832SE/IQ832NE	IQ803/IQ853	IQ805/IQ855
Megapixel Rating	1.3 MP	2.0 MP	2.0 MP	3.1 MP	5.0 MP
Maximum Resolution	1280 x 1024	1600 x 1200	HD1080p - 1920 x 1080	2048 x 1536	2560 x 1920
Max Frame Rate - Standard (fps)	30	20	30	12	10
Video Compression	MJPEG		H.264 (Main Profile) & MJPEG	MJPEG	
Day/Night	N/A / Yes				
Sensitivity: Color (lux)	0.2		0.3		
Sensitivity: B&W (lux)	N/A / <0.05				
IR Range (nm)	N/A / 800 to 940				
Dynamic Range (dB)	61		71	61	71
Shutter Speed (s)	1/12,000		1/20,000	1/10,000	1/20,000
Lens Format	1/3" CS	1/2" CS	1/3" CS	1/2" 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					
Cropping	Yes		N/A	Yes	
White Balance	Yes		Yes	Yes	
Exposure	Yes		Yes	Yes	
Backlight Compensation	Yes		N/A	Yes	
Image Settings	Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II, Gain Styles		Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II	Saturation, Contrast, Brightness, Sharpness, Lightgrabber II, Gain Styles	
Flip and Rotate	90, Horizontal, Vertical				
Power Requirements					
Power Type	PoE, Aux 24V AC and Aux 12-24V DC				
PoE Class	Class 2			Class 1	
Power Consumption (Watt)	<7.0W				
Additional Features					
System Integration	IQfinder, IQmanager, IQsentry		ONVIF, PSIA, IQfinder, IQmanager, IQsentry	IQfinder, IQmanager, IQsentry	
IQrecorder NVR Software	Yes		N/A	Yes	
On-Camera Storage			N/A	CF	
Analytics Ready	Yes		N/A	Yes	
IQnightlight	Yes		N/A	Yes	
IQaccess	Yes		Yes	Yes	
Analog Video Output (NTSC/PAL)	IQfocus		Start-up	IQfocus	
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	IQ711/IQ751	IQ702/IQ752	IQ703/IQ753	IQ705/IQ755
Megapixel Rating	1.3 MP	2.0 MP	3.1 MP	5.0 MP
Maximum Resolution	1280 x 1024	1600 x 1200	2048 x 1536	2560 x 1920
Max Frame Rate - Standard (fps)	30	20	12	10
Video Compression	MJPEG			
Day/Night	N/A / Yes			
Sensitivity: Color (lux)	0.2		0.3	
Sensitivity: B&W (lux)	N/A / <0.05			
IR Range (nm)	N/A / 800 to 940			
Dynamic Range (dB)	61			
Shutter Speed (s)	1/12,000		1/10,000	1/20,000
Lens Format	1/3" CS	1/2" CS	1/2" CS	1/2" 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				
Cropping	Yes			
White Balance	Yes			
Exposure	Yes			
Backlight Compensation	Yes			
Image Settings	Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II, Gain Styles			
Flip and Rotate	90, Horizontal, Vertical			
Power Requirements				
Power Type	PoE, Aux 24V AC and Aux 12-24V DC and Aux			
PoE Class	Class 1			
Power Consumption (Watt)	<2.8W			
Additional Features				
System Integration	IQfinder, IQmanager, IQsentry			
IQrecorder NVR Software	Yes			
On-Camera Storage	CF			
Analytics Ready	Yes			
IQnightlight	Yes			
IQaccess	Yes			
Analog Video Output (NTSC/PAL)	Full-time/IQfocus			
Operating Temperature Range (°C)	0° to 40°C			
Warranty	3 Years			
Dimensions and Weight				
Height x Width x Depth (mm)	64.4 x 64.0 x 111.5			
Weight (gms)	369			

Sentinel, 700-750 Series Features

- > Power-over-Ethernet
- > Low-Power Consumption
- > Simple Installation
- > Network Reliability
- > Progressive Scan CMOS
- > Encrypted Multi-Level Passwords

Product Comparison Matrix



4 Series



5 Series

Model	IQ040SI	IQ041SI	IQ042SI	IQ540SI	IQ541SI	IQ542SI
Megapixel Rating	0.3 MP	1.3 MP	2.0 MP	0.3 MP	1.3 MP	2.0 MP
Maximum Resolution	SD480p - 720 x 480	1280 x 1024	1600 x 1200	SD480p - 720 x 480	1280 x 1024	1600 x 1200
Max Frame Rate - Standard (fps)	33	18	17	33	18	17
Video Compression		MJPEG			MJPEG	
Day/Night		N/A			N/A	
Sensitivity: Color (lux)		0.2			0.2	
Sensitivity: B&W (lux)		N/A			N/A	
IR Range (nm)		N/A			N/A	
Dynamic Range (dB)		71			71	
Shutter Speed (s)		1/12,000			1/12,000	
Lens Format		1/3" CS			1/3" CS	
Audio						
Audio Support		N/A			N/A	
Speaker		N/A			N/A	
Microphone		N/A			N/A	
Audio Compression		N/A			N/A	
Event Handling						
Motion Detection		Multi-Zone (User Configurable)			Multi-Zone (User Configurable)	
Physical Input/Output		N/A			N/A	
Imaging Features						
Cropping		User Configurable Windows			User Configurable Windows	
White Balance		Auto			Auto	
Exposure		User Configurable			User Configurable	
Backlight Compensation		N/A			N/A	
Image Settings		Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II			Saturation, Contrast, Brightness, Sharpness, Lightgrabber™ II	
Flip and Rotate		N/A			N/A	
Power Requirements						
Power Type		PoE			PoE, 12-24V DC, 24 VAC	
PoE Class		Class 1			Class 1	
Power Consumption (Watt)		<2.8W			<2.8W	
Additional Features						
System Integration		ONVIF, PSIA, IQfinder, IQmanager, IQsentry			ONVIF, PSIA, IQfinder, IQmanager, IQsentry	
IQrecorder NVR Software		N/A			N/A	
On-Camera Storage		N/A			N/A	
Analytics Ready		N/A			N/A	
IQnightlight		N/A			N/A	
IQaccess		N/A			N/A	
Analog Video Output (NTSC/PAL)		N/A			Start-up	
Operating Temperature Range (°C)		0° to 40°C			0° to 40°C	
Warranty		3 Years			3 Years	
Dimensions and Weight						
Height x Width x Depth (mm)		50.3 x 62.5 x 78.0			74.0 x 42.0 x 88.0	
Weight (gms)		193			231.2	

4 Series, 5 Series Features

- > Power-over-Ethernet
- > Network Reliability
- > Encrypted Multi-Level Passwords
- > Low-Power Consumption
- > Affordable and Versatile
- > Simple Installation
- > Progressive Scan CMOS