



IQeye BASIC LINE Product Specifications

	 4 SERIES			 5 SERIES		
BASIC INFORMATION						
Model	IQ040SI/IQD40SI	IQ041SI/IQD41SI	IQ042SI/IQD42SI	IQ540SI	IQ541SI	IQ542SI
Megapixel Rating	0.3MP	1.3MP	2.0MP	0.3MP	1.3MP	2.0MP
Maximum Resolution	720 x 480	1280 x 1024	1600 x 1200	720 x 480	1280 x 1024	1600 x 1200
Max Frame Rate - Standard (fps)	33	18	17	33	18	17
Max Frame Rate - Widescreen (fps)	30	25	18	30	25	18
Day/Night	N/A	N/A	N/A	N/A	N/A	N/A
Sensitivity: Color (lux)	0.2	0.2	0.2	0.2	0.2	0.2
Sensitivity: B&W (lux)	N/A	N/A	N/A	N/A	N/A	N/A
IR Range (nm)	N/A	N/A	N/A	N/A	N/A	N/A
Dynamic Range (dB)	61	61	61	61	61	61
Shutter Speed (s)	1/12,000	1/12,000	1/12,000	1/12,000	1/12,000	1/12,000
Lens Format	1/3" CS/1/3" M12	1/3" CS/1/3" M12	1/3" CS/1/3" M12	1/3" CS	1/3" CS	1/3" CS
AUDIO/VIDEO						
Audio Options	N/A	N/A	N/A	N/A	N/A	N/A
Speaker	N/A	N/A	N/A	N/A	N/A	N/A
Microphone	N/A	N/A	N/A	N/A	N/A	N/A
Audio Compression	N/A	N/A	N/A	N/A	N/A	N/A
Video Compression	MJPEG	MJPEG	MJPEG	MJPEG	MJPEG	MJPEG
EVENT HANDLING						
Motion Detection	Single-Zone	Single-Zone	Single-Zone	Single-Zone	Single-Zone	Single-Zone
Alarm input/output	N/A	N/A	N/A	N/A	N/A	N/A
IMAGING FEATURES						
Digital Cropping	Yes	Yes	Yes	Yes	Yes	Yes
Automatic White Balance	Yes	Yes	Yes	Yes	Yes	Yes
Backlight Compensation	N/A	N/A	N/A	N/A	N/A	N/A
IQnightlight	N/A	N/A	N/A	N/A	N/A	N/A
IQauthenticate	N/A	N/A	N/A	N/A	N/A	N/A
POWER REQUIREMENTS						
Power Type	PoE	PoE	PoE	PoE, 12-24V DC, 24 VAC		
PoE Class	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1
Power Consumption (Watt)	<2.8W	<2.8W	<2.8W	<2.5W	<2.5W	<2.5W
ADDITIONAL FEATURES						
IQrecorder™ NVR Software	N/A	N/A	N/A	N/A	N/A	N/A
On-Camera Storage	N/A	N/A	N/A	N/A	N/A	N/A
Analytics Ready	N/A	N/A	N/A	N/A	N/A	N/A
Analog Video Output (NTSC/PAL)	N/A	N/A	N/A	Start-up	Start-up	Start-up
Operating Temperature Range (°C)	0° to 40°C	0° to 40°C	0° to 40°C	0° to 40°C	0° to 40°C	0° to 40°C
DIMENSIONS AND WEIGHT						
Height x Width x Depth (mm)	50.3 x 62.5 x 78.0 Standard / 70.7 x 90.0 x 115.0 Dome			74.0 x 42.0 x 88.0	74.0 x 42.0 x 88.0	74.0 x 42.0 x 88.0
Weight (gms)	193.0 / 249.5	193.0 / 249.5	193.0 / 249.5	231.2	231.2	231.2

STANDARD IQEYE BASIC LINE FEATURES

- Power-over-Ethernet
- Low-Power Consumption
- Simple Installation
- Network Reliability
- Affordable & Versatile
- Progressive Scan CMOS
- Rolling Shutter
- Encrypted Multi-Level Passwords
- IP Address Filtering

IQeye PRO LINE Product Specifications

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	 SENTINEL SERIES				 HD1080p SERIES		 700/750 SERIES			
BASIC INFORMATION										
Model	IQ811/IQ851	IQ802/IQ852	IQ803/IQ853	IQ805/IQ855	IQ732SI	IQ732NI	IQ711/IQ751	IQ702/IQ752	IQ703/IQ753	IQ705/IQ755
Megapixel Rating	1.3MP	2.0MP	3.1MP	5.0MP	2.0MP	2.0MP	1.3MP	2.0MP	3.1MP	5.0MP
Maximum Resolution	1280x1024	1600x1200	2048x1536	2560x1920	1080p/2.0MP	1080p/2.0MP	1280x1024	1600x1200	2048x1536	2560x1920
Max Frame Rate - Standard (fps)	30	20	12	10	30	30	30	20	12	10
Max Frame Rate - Widescreen (fps)	43	27	16	13	30	30	43	27	16	13
Day/Night	N/A / Yes	N/A / Yes	N/A / Yes	N/A / Yes	N/A	Yes	N/A / Yes	N/A / Yes	N/A / Yes	N/A / Yes
Sensitivity: Color (lux)	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3
Sensitivity: B&W (lux)	N/A/<0.05	N/A/<0.05	N/A/<0.05	N/A/<0.05	N/A	<0.05	N/A/<0.05	N/A/<0.05	N/A/<0.05	N/A/<0.05
IR Range (nm)	N/A / 850 to 940	N/A / 850 to 940	N/A / 850 to 940	N/A / 850 to 940	N/A	850 to 940	N/A / 850 to 940	N/A / 850 to 940	N/A / 850 to 940	N/A / 850 to 940
Dynamic Range (dB)	61	61	61	67	67	67	61	61	61	67
Shutter Speed (s)	1/12,000	1/12,000	1/10,000	1/20,000	1/20,000	1/20,000	1/12,000	1/12,000	1/10,000	1/20,000
Lens Format	1/3" CS	1/2" CS	1/2" CS	1/2" CS	1/3" CS	1/3" CS	1/3" CS	1/2" CS	1/2" CS	1/2" CS
AUDIO/VIDEO										
Audio Options	N/A	N/A	N/A	N/A	Two Way	Two Way	N/A	N/A	N/A	N/A
Speaker	N/A	N/A	N/A	N/A	External	External	N/A	N/A	N/A	N/A
Microphone	N/A	N/A	N/A	N/A	External	External	N/A	N/A	N/A	N/A
Audio Compression	N/A	N/A	N/A	N/A	G.711 PCM 8 kHz	G.711 PCM 8 kHz	N/A	N/A	N/A	N/A
Video Compression	MJPEG	MJPEG	MJPEG	MJPEG	H.264 and MJPEG	H.264 and MJPEG	MJPEG	MJPEG	MJPEG	MJPEG
EVENT HANDLING										
Motion Detection	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone
Alarm input/output	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
IMAGING FEATURES										
Digital Cropping	Yes	Yes	Yes	Yes	N/A	N/A	Yes	Yes	Yes	Yes
Automatic White Balance	Yes	Yes	Yes	Yes	N/A	N/A	Yes	Yes	Yes	Yes
Backlight Compensation	Yes	Yes	Yes	Yes	N/A	N/A	Yes	Yes	Yes	Yes
IQnightlight	Yes	Yes	Yes	Yes	N/A	N/A	Yes	Yes	Yes	Yes
IQauthenticate	Yes	Yes	Yes	Yes	N/A	N/A	Yes	Yes	Yes	Yes
POWER REQUIREMENTS										
Power Type	PoE, Aux 24V AC and Aux 12-24V DC				PoE, Aux 24V AC and Aux 12-24V DC		PoE, Aux 24V AC and Aux 12-24V DC			
PoE Class	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
Power Consumption (Watt)	6W	6W	6W	6W	<4.2W	<4.2W	<2.5W	<2.5W	<2.5W	<2.5W
ADDITIONAL FEATURES										
IQrecorder™ NVR Software	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
On-Camera Storage	N/A	Factory Option	N/A	N/A	SDHC	SDHC	CF	CF	CF	CF
Analytics Ready	Yes	Yes	Yes	Yes	N/A	N/A	Yes	Yes	Yes	Yes
Analog Video Output (NTSC/PAL)	IQfocus	IQfocus	IQfocus	IQfocus	Full-time / Start-up		Full-time/IQfocus	Full-time/IQfocus	Full-time/IQfocus	Full-time/IQfocus
Operating Temperature Range (°C)	-30° to 50°C	-30° to 50°C	-30° to 50°C	-30° to 50°C	0°C to 40°C	0°C to 40°C	0° to 40°C	0° to 40°C	0° to 40°C	0° to 40°C
DIMENSIONS AND WEIGHT										
Height x Width x Depth (mm)	243.2 x 124.0 x 390.1				64.4 x 64.0 x 111.5		64.4 x 64.0 x 111.5			
Weight (gms)	2839.0	2839.0	2839.0	2839.0	265.8	265.8	369.0	369.0	369.0	369

STANDARD IQEYE PRO LINE FEATURES

- Power-over-Ethernet
- Digital Pan/Tilt/Zoom
- Low-Power Consumption
- Simple Installation
- Network Reliability
- Progressive Scan CMOS
- Rolling Shutter
- Encrypted Multi-Level Passwords
- IP Address Filtering
- Privacy Windows
- IQcameo™

IQeye PRO LINE Product Specifications

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	 ALLIANCE MJPEG SERIES					 ALLIANCE H.264 SERIES				
BASIC INFORMATION										
Model	IQA10S/IQA10N	IQA11S/IQA11N	IQA12S/IQA12N	IQA13S/IQA13N	IQA15S/IQA15N	IQA20S/IQA20N	IQA21S/IQA21N	IQA22S/IQA22N	IQA23S/IQA23N	IQA25S/IQA25N
Megapixel Rating	0.3MP	1.3MP	2.0MP	3.1MP	5.0MP	0.3MP	1.3MP	2.0MP	3.1MP	5.0MP
Maximum Resolution	640x480	1280x1024	1600x1200	2048x1536	2560x1920	640x480	1280x1024	1600x1200	2048x1536	2560x1920
Max Frame Rate - Standard (fps)	30	15	15	12	10	30	15	15	12	10
Max Frame Rate - Widescreen (fps)	43	20	20	16	13	43	20	20	16	13
Day/Night	N/A / Yes	N/A / Yes	N/A / Yes	N/A / Yes	N/A / Yes	N/A / Yes	N/A / Yes	N/A / Yes	N/A / Yes	N/A / Yes
Sensitivity: Color (lux)	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.3
Sensitivity: B&W (lux)	N/A<0.05	N/A<0.05	N/A<0.05	N/A<0.05	N/A<0.05	N/A<0.05	N/A<0.05	N/A<0.05	N/A<0.05	N/A<0.05
IR Range (nm)	N/A / 850 to 940	N/A / 850 to 940	N/A / 850 to 940	N/A / 850 to 940	N/A / 850 to 940	N/A / 850 to 940	N/A / 850 to 940	N/A / 850 to 940	N/A / 850 to 940	N/A / 850 to 940
Dynamic Range (dB)	61	61	61	61	67	61	61	61	61	67
Shutter Speed (s)	1/12,000	1/12,000	1/12,000	1/20,000	1/20,000	1/12,000	1/12,000	1/12,000	1/20,000	1/20,000
Lens Format	1/3" M14	1/3" M14	1/3" M14	1/3" M14	1/2" M14	1/3" M14	1/3" M14	1/3" M14	1/3" M14	1/2" M14
AUDIO/VIDEO										
Audio Options	N/A	N/A	N/A	N/A	N/A	Listen Only	Listen Only	Listen Only	Listen Only	Listen Only
Speaker	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Microphone	N/A	N/A	N/A	N/A	N/A	External	External	External	External	External
Audio Compression	N/A	N/A	N/A	N/A	N/A	AAC	AAC	AAC	AAC	AAC
Video Compression	MJPEG	MJPEG	MJPEG	MJPEG	MJPEG	H.264 and MJPEG	H.264 and MJPEG	H.264 and MJPEG	H.264 and MJPEG	H.264 and MJPEG
EVENT HANDLING										
Motion Detection	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone	Multi-Zone
Alarm Input/Output	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
IMAGING FEATURES										
Digital Cropping	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Automatic White Balance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Backlight Compensation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IQnightlight	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IQauthenticate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
POWER REQUIREMENTS										
Power Type	PoE and 12-24V DC					PoE and 12-24V DC				
PoE Class	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
Power Consumption (Watt)	<3.1W Interior & Exterior Models / <5.3W Heater / Blower Models					<5.0W	<5.0W	<5.0W	<5.0W	<5.0W
ADDITIONAL FEATURES										
IQrecorder™ NVR Software	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
On-Camera Storage	SDHC	SDHC	SDHC	SDHC	SDHC	SDHC	SDHC	SDHC	SDHC	SDHC
Analytics Ready	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Analog Video Output (NTSC/PAL)	Full-time / IQfocus	Full-time / IQfocus	Full-time / IQfocus	Full-time / IQfocus	Full-time / IQfocus	Full-time / IQfocus	Full-time / IQfocus	Full-time / IQfocus	Full-time / IQfocus	Full-time / IQfocus
Operating Temperature Range (°C)	0° to 40° Interior Models / -20° to 50° Exterior Models / -30° to 50° Extreme Temperature HB Models					0° to 40° Interior Models / -20° to 50° Exterior Models				
DIMENSIONS AND WEIGHT										
Height x Width x Depth (mm)	98.6 x 146.2 x 146.2 Interior Models/ 137.6 x 146.2 x 146.2 Exterior Models					98.6 x 146.2 x 146.2 Interior Models/ 137.6 x 146.2 x 146.2 Exterior Models				
Weight (gms)	852.2 Interior Models/ 1209.9 Exterior Models					852.2 Interior Models/ 1209.9 Exterior Models				

STANDARD IQEYE PRO LINE FEATURES

- Power-over-Ethernet
- Digital Pan/Tilt/Zoom
- Low-Power Consumption
- Simple Installation
- Network Reliability
- Progressive Scan CMOS
- Rolling Shutter
- Encrypted Multi-Level Passwords
- IP Address Filtering
- Privacy Windows
- IQcameo™

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