

IP Mini-Dome Camera with IR



Essentials IP Mini-Dome Camera with IR



The Illustra Essentials Mini-Dome cameras are available in 1 and 2 megapixel options and have IR Illumination. The cameras capture video in a variety of lighting conditions with features such as True Day/Night and Wide Dynamic Range.

Low Light Clarity

The Illustra Essentials Mini-Dome cameras with IR master low-light clarity. The sensitivity of the sensor and processor combination is enabled through the latest technology, such as True Day/Night. In low light, these cameras deliver clear video surveillance.

Poor low-light performance by megapixel cameras hampers some of the most important tasks security professionals need to perform. When cameras lack clarity in low light, they also tend to increase bandwidth usage and storage costs. Cameras that fail in low-light clarity negatively impact both the necessary functions of security and cost of ownership.

Wide Dynamic Range

For applications where the glare of direct sunlight may affect surveillance, WDR is a must-have feature. Only the best performing cameras can manage the contrast created by the backlighting that direct sunlight can produce.

The Illustra Essentials Mini-Domes with IR produces high-quality video in low light with the WDR feature. Avoid loss of detail in strongly backlit scenes with the power of WDR. Maintain the details in faces with whole scene clarity. WDR works with the megapixel lens to enhance the precision of the image for a high-resolution HD solution that excels in a wide range of challenging lighting conditions.

Features

- // 1 and 2 megapixels
- // H.264 and MJPEG dual-stream encoding
- // Maximum 30 ips
- // Multiple network monitoring
- // IP66
- // 3.6 mm fixed lens
- // PoE
- // IR Illumination
- // True Day/Night
- // Wide Dynamic Range

IP Mini-Dome Camera with IR

	1MP	2MP
Camera		
Imager	1/3"	1/2.7"
Resolution	1280 x 960	1920 x 1080
Shutter Speed	Auto/Manual 1/3s – 1/30000s	Auto/Manual 1s– 1/30000s
Minimum Illumination	Colour: 008 Lux/F1.2; B/W" 0 Lux/F1.2; 0Lux (IR on)	Colour: 0.025 Lux/F2.1; 0Lux/F2.1 (IR on)
S/N Ratio	More than 50dB	More than 50dB
Analog Video Output	N/A	N/A
Camera Features		
IR Illuminator	30 m	30 m
Day/Night	Mechanical ICR	Mechanical ICR
Backlight Compensation	Yes	Yes
Wide Dynamic Range	WDR	WDR
White Balance	Auto/Manual	Auto/Manual
Gain Control	Auto/Manual	Auto/Manual
Digital Noise Reduction	3D	3D
Privacy Zones	Up to 4 areas	Up to 4 areas
Lens		
Focal Length	3.6 mm Fixed	3.6 mm Fixed
Max Aperture	F2.1	F2.1
Focus Control	Manual	Manual
Angle of View	H: 71°	H: 93°
Video		
Video Compression	H.264/MJPEG	H.264/MJPEG
Resolutions	1.3MP (1280x960); 720p (1280 x 720); D1 (704 x 576/704 x 480); CIF (352 x 288/352 x 240)	1080p (1920 x 1080); 720p (1280 x 720); D1 (704 x 576/704 x 480); CIF (352 x 288/352 x 240)
Max Frame Rate	Main Stream: 1.3MP/720p (30ips) Sub Stream: D1/CIF (30ips)	Main Stream: 1080p/720p (30ips) Sub Stream: D1/CIF (30ips)
Audio	N/A	N/A
Network		
Ethernet	RJ-45 (10/100Base-T)	RJ-45 (10/100Base-T)
Wi-Fi	N/A	N/A
Supported Protocols	IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS	IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS
ONVIF-compliant	ONVIF Profile S	ONVIF Profile S

Auxiliary Interface		
Onboard Storage	N/A	N/A
Alarm Input/Output	N/A	N/A
General		
Power Supply	DC12 V, PoE (802.3af)	DC12 V, PoE (802.3af)
Power Consumption	<3.8 W	<4.4 W
Operating Temperature	-30°C to +60°C	-30°C to +60°C
IP Rating	IP66	IP66
Vandal Resistant	N/A	N/A
Dimensions	108 mm x 84 mm	108 mm x 84 mm
Menu Languages	Chinese (simplified), Dutch, English (default), French, German, Italian, Portuguese, Spanish	Chinese (simplified), Dutch, English (default), French, German, Italian, Portuguese, Spanish
Weight	0.25 kg	0.25 kg

General											
Illustra	Series	Model	Resolution	Form Factor	Lens	Environment Housing	Bubble	Colour	Day/Night/Ir	WDR	Other
I	E = Essentials	L = Lite	01 = 1MP	B = Bullet	N = None	N = None	N = None	B = Black	C = Colour Only	N = No	A = Hardware Update
	F = Flex	P = Plus	02 = 2MP	C = Compact Dome	F = Fixed	A = Indoor NonVandal	C = Clear	G = Gray	I = TDN w/ IR	T = Multi-Exposure (>60 Frames)	
	P = Pro	S = Standard	03 = 3MP	D = Dome	0 = 1.8—3mm	B = Outdoor NonVandal	S = Smoked	S = Silver	S = Soft Day/Night	Y = Yes	
	Q = Edge		05 = 5MP	F = Fisheye	1 = 2.8—12mm	I = Indoor Vandal		W = White	T = TDN		
				M = Mini-Bullet	2 = 3—9mm	O = Outdoor Vandal					
				P = PTZ	3 = 9—22mm						
				W = Wireless Cube	4 = 9—40mm						
				X = Box	5 = 20x						
					6 = 30x						

Ordering Information

IES01CFBCWIYA	Illustra Essentials 1MP mini-dome, 3.6 mm, outdoor, nonvandal, clear, white, TDN w/IR, WDR
IES02CFBCWIYA	Illustra Essentials 2MP mini-dome, 3.6 mm, outdoor, nonvandal, clear, white, TDN w/IR, WDR

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