illustra
From Tyco Security Products

Essentials
IP Indoor Mini-Dome Camera

Features That Make a Difference:

- 1 and 2 megapixels

- H.264 and MJPEG dual-stream encoding

- Maximum 30 ips

- Multiple network monitoring

- 3.6mm fixed lens

- PoE

- Soft Day/Night

- Wide Dynamic Range

The Illustra Essentials Indoor Mini-Domes are available in 1 and 2 megapixel options. With features such as Soft Day/Night and Wide Dynamic Range, these indoor mini-domes can capture video in various lighting conditions. These cameras are easy to install and fit a variety of indoor applications.

Low Light Clarity
The Illustra Essentials Indoor Mini-Dome cameras master low-light clarity. The sensitivity of the sensor and processor combination is enabled through the latest technology, such as Soft 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 Indoor Mini-Domes take advantage of the latest pixel-by-pixel dynamic range offered today. 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.

Specifications

	1MP	2MP
Camera		
Imager	1/4″	1/3″
Resolution	1280 x 720	1920 x 1080
Shutter Speed	Auto/manual, 1/3(4) – 1/10000s	Auto/manual, 1/3(4) – 1/10000s
Minimum Illumination	Color: 0.1Lux/F1.2	Color: 0.1Lux/F1.6
S/N Ratio	More than 50dB	More than 50dB
Analog Video Output	N/A	N/A
Camera Features		
IR Illuminator	N/A	N/A
Day/Night	Auto(Electronic)/Color/B/W	Auto(Electronic)/Color/B/W
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	2D
Privacy Zones	Up to 4 areas	Up to 4 areas
Lens		
Focal Length	3.6mm Fixed	3.6mm Fixed
Max Aperture	F1.8	F1.6
Focus Control	Manual	Manual
Angle of View	H: 70°	H: 71.9°
Video		
Video Compression	H.264/MJPEG	H.264/MJPEG
Resolutions	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: 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, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour
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	DC12V, PoE (802.3af)	DC12V, PoE (802.3af)
Power Consumption	<1.5W	Max 3W
Operating Temperature	-30°C to +60°C (-22°F to +140°F)	-30°C to +60°C (-22°F to +140°F)
IP Rating	N/A	N/A
Vandal Resistant	N/A	N/A
Dimensions	110mm x 54mm (4.33in x 2.13in)	110mm x 54mm (4.33in x 2.13in)
Menu Languages	Chinese (simplified), English (default), French, German, Portuguese, Spanish	English (default), French, German, Portuguese, Spanish
Weight	0.2kg (0.44lb)	0.39kg (0.86lb)

Model	Description
IES01CFACWSY	Illustra Essentials 1MP mini-dome, 3.6mm, indoor, nonvandal, clear, white, SDN, WDR
IES02CFACWSY	Illustra Essentials 2MP mini-dome, 3.6mm, indoor, nonvandal, clear, white, SDN, WDR

ILLUSTRA CAMERA MODEL KEY											
ILLUSTRA	SERIES	MODEL	RESOLUTION	FORM FACTOR	LENS	ENVIRONMENT HOUSING	BUBBLE	COLOR	DAY/NIGHT/IR	WDR	OTHER
I	E = Essentials	L = Lite	01 = 1MP	B = Bullet	N = None	N = None	N = None	B = Black	C = Color 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						

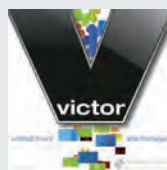| Optional Mini-Dome Accessories		
Model	PFA131	PFB200W
Description	Junction Box	Wall Mount
Dimensions	138mm x 42mm (5.43in x 1.65in)	160mm x 120mm x 74mm (6.30in x 4.72in x 2.91in)
Weight	0.38kg (0.84lbs)	1kg (2.20lbs)
Load Bearing	3.0kg (6.61lbs)	1kg (2.20lbs)

Related Products

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Approvals

Onvif Driving network video through global standardization

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