illustra
From Tyco Security Products

Essentials
2MP Varifocal
IP Mini-Dome Cameras

Features That Make a Difference:

- 2 megapixels

- 2.8-12mm varifocal lens

- H.264 and MJPEG dual-stream encoding

- Maximum 30 ips

- Multiple network monitoring

- IP66

- IK10

- PoE

- IR Illumination

- True Day/Night

- Wide Dynamic Range

The Illustra Essentials varifocal mini-dome cameras are available in 2 megapixel with 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 varifocal 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 varifocal mini-domes with IR produce 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 provides rendering of a high-resolution HD image that excels in a wide range of challenging lighting conditions.

Specifications

		2MP
Camera		
Imager		1/2.8"
Resolution		1920 x 1080
Shutter Speed		Auto/Manual, 1/3(4)~1/10000s
Minimum Illumination		0. 1 Lux/F1.4 (Color) 0.01 Lux/F1.4 (B/W) 0 Lux/F1.4 (IR on)
S/N Ratio		> 50dB
Analog Video Output		N/A
Camera Features		
IR Illuminator		20m
Day/Night		Mechanical ICR
Backlight Compensation		Yes
Wide Dynamic Range		Yes
White Balance		Auto/Manual
Gain Control		Auto/Manual
Digital Noise Reduction		3D
Privacy Zones		Up to 4 areas
Lens		
Focal Length		2.8-12mm
Max Aperture		F1.4
Focus Control		Manual
Angle of View		H: 98.1°
Video		
Video Compression		H.264/ MJPEG
Resolutions		1080P (19020 x 1080); 1.3M (1280 × 960); 720P (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)
Max Frame Rate		Main stream: 2M/1MP (30ips) Sub stream: D1/CIF (30ips)
Audio		N/A
Network		
Ethernet		RJ-45 (10/100Base-T)
Wi-Fi		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
ONVIF-Compliant		ONVIF, CGI, PSIA
Auxiliary Interface		
Onboard Storage		N/A
Alarm Input/Output		N/A
General		
Power Supply		DC12V, PoE (802.3af)
Power Consumption		<4.5W
Operating Temperature		-30°C to 60°C (-22°F to 140°F)
IP Rating		IP66
Vandal Resistant		IK10
Dimensions		122mm × 89mm (4.8in x 3.5in)
Menu Languages		Chinese (simplified), English (default), French, German, Portuguese, Spanish
Weight		0.5kg (1.1lbs)

Model	Description
IES02D1OCWIY	Illustra Essentials 2MP Dome, 2.8-12mm, outdoor, vandal, clear, white, TDN w/IR, 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 VARIFOCAL MINI-DOME ACCESSORIES				
Model	PFA123	PFB200W	PFA151	PFA152
Decription	Junction Box	Wall Mount	Corner Mount	Pole Mount
Dimensions	134mm x 134mm x 51mm (5.28in x 5.28in x 2.00in)	160mm x 120mm x 74mm (6.30in x 4.72in x 2.91in)	243mm x 170mm x 138mm (9.60in x 6.70in x 5.43in)	117.5mm x 87mm x 21mm (4.60in x 3.40in x 0.83in)
Weight	0.6kg (1.32lbs)	1kg (2.20lbs)	1.7Kg (3.75lbs)	0.2kg (0.44lbs)
Load Bearing	3kg (6.61lbs)	1kg (2.20lbs)	10Kg (22lbs)	3.0kg (6.61lbs)

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Approvals

Onvif Driving network video through global standardization

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