Essentials
2MP Varifocal IP Bullet Camera

Features That Make a Difference:

- 2MP Bullet Camera supports the following resolutions:
    - 1080P
    - 1.3MP
    - 720P

- 2.7-12mm varifocal lens

- H.264 and MJPEG dual-stream encoding

- Maximum 30 ips

- Multiple network monitoring

- IP67

- PoE

- IR Illumination

- True Day/Night

- Wide Dynamic Range

- Supports corridor mode for better field of view

The Illustra Essentials varifocal bullet camera is available in various resolutions ranging from D1 to 1080P with IR illumination. The camera captures 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 bullet camera masters 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, this camera delivers 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 bullet camera takes 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 provides rendering of a high-resolution HD image that excels in a wide range of challenging lighting conditions.

Corridor mode allows cameras to maximize video surveillance in narrow vertical situations. Ideal for hallways, retail aisles, and tunnels this mode creates a unique high quality, vertical video. Using corridor mode results in less bandwidth and storage requirements because you are only focusing on relevant items in the scene.

Specifications

	2MP Varifocal Bullet
Camera	
Imager	1/2.7"
Resolution	1920 x 1080
Shutter Speed	Auto/Manual, 1/3(4) – 1/100000s
Minimum Illumination	0. 01 Lux/F1.4 (Color) 0 Lux/F1.4 (IR on)
S/N Ratio	> 50dB
Analog Video Output	N/A
Camera Features	
IR Illuminator	30m
Day/Night	Mechanical ICR
Backlight Compensation	Yes
Wide Dynamic Range	120 dB
White Balance	Auto/Manual
Gain Control	Auto/Manual
Digital Noise Reduction	3D
Privacy Zones	Up to 4 areas
Lens	
Focal Length	2.7-12mm
Max Aperture	F1.4
Focus Control	Manual
Angle of View	H: 93 ~ 35
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: 2MP/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
Auxiliary Interface	
Onboard Storage	N/A
Alarm Input/Output	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	7.5W
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
IP Rating	IP67
Vandal Resistant	N/A
Dimensions	72mm × 80mm × 212.8mm (2.83in x 3.15in x 8.38in)
Menu Languages	Chinese (simplified), English (default), French, German, Portuguese, Spanish, Italian, Dutch
Weight	0.65kg (1.43lbs)

Model	Description
IES02B1BNWIYB	Illustra Essentials 2MP Bullet, 2.7-12mm, outdoor, nonvandal, white, TDN w/IR, WDR

*This product is subject to certain restrictions on procurement, use, funding or contracting by the United States federal government as set forth in Section 889 (Prohibition on Certain Telecommunications and Video Surveillance Services or Equipment) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019.

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 BULLET ACCESSORIES			
Model	PFA122	PFA151	PFA152
Description	Junction Box	Corner Mount	Pole Mount
Dimensions	134mm x 134mm x 55mm (5.28in x 5.28in x 2.16in)	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	0.5 kg (1.10 lbs)	1.7 Kg (3.75 lbs)	0.2 Kg (0.44 lbs)
Load Bearing	3.0 kg (6.61 lbs)	10 Kg (22 lbs)	3.0 Kg (6.61 lbs)

Related Products

VideoEdge

exacqVision

HOLIS

victor

Approvals

Onvif Driving network video through global standardization