

Essentials IP Bullet Camera



Features That Make a Difference:

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

The Illustra Essentials bullet cameras are available in 1 and 2 megapixel options and are suitable for both indoor and outdoor applications. The cameras are designed to capture high quality video in a variety of lighting situations and challenging weather conditions, using features such as True Day/Night, Wide Dynamic Range, 24/7 operation with built in IR illumination and -30°C to +60°C performance.

Low Light Clarity

The Illustra Essentials bullet cameras master low-light clarity, through a combination of the latest technology in sensor sensitivity and camera processing, delivering clear images both day and night.

The megapixel camera coupled with the megapixel lenses create a great low-light performance and clear images ensure that the bandwidth usage and storage costs are kept to a minimum, increasing the cameras impact on the site as well as reducing the total cost of ownership.

Wide Dynamic Range

For applications where challenging lighting conditions are present the Illustra Essentials' WDR takes advantage of the latest pixel-by-pixel dynamic range technology. This is particularly important for strongly backlit scenes such as looking down alleyways or reception areas with revealing whole scene clarity such as faces in detail.

Specifications

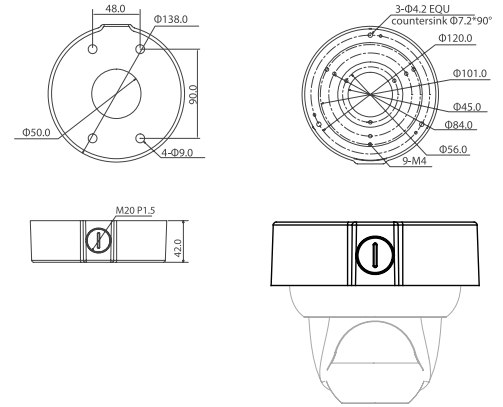
	1MP	2MP
Camera		
Imager	1/4"	1/3"
Resolution	1280 x 720	1920 x 1080
Shutter Speed	Auto/manual, 1/3(4) – 1/10000s	Auto/manual, 1/3(4) – 1/10000s
Minimum Illumination	0.1Lux/F1.2 (colour); 0.01Lux/F1.2 (black/white); 0Lux/F1.2 (IR on)	0.1Lux/F1.6 (colour); 0Lux/F1.6 (IR on)
S/N Ratio	More than 50dB	More than 50dB
Analogue Video Output	N/A	N/A
Camera Features		
IR Illuminator	20m	30m
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	2D
Privacy Zones	Up to 4 areas	Up to 4 areas
Lens		
Focal Length	3.6mm Fixed	3.6mm Fixed
Max Aperture	F1.6	F1.8
Focus Control	Manual	Manual
Angle of View	H: 70°	H: 72.5°
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 (1920x1080); 720p (1280 x 720); D1 (704 x 576/704 x 480); CIF (352 x 288/352 x 240)
Max Frame Rate	Main stream: 720p (30 ips); Sub stream: D1/CIF (30 ips)	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, 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	<4W	Max 6W
Operating Temperature	-30°C to 60°C	-30°C to 60°C
IP Rating	IP66	IP66
Vandal Resistant	N/A	N/A
Dimensions	70mm x 66mm x 155mm	70mm x 66mm x 155mm
Menu Languages	Chinese (simplified), English (default), French, German, Portuguese, Spanish	English (default), French, German, Portuguese, Spanish
Weight	0.5kg	0.62kg

Model	Description
IES01MFBNWIY	Illustra Essentials 1MP mini-bullet, 3.6mm, outdoor, nonvandal, white, TDN w/IR, WDR
IES02MFBNWIY	Illustra Essentials 2MP mini-bullet, 3.6mm, outdoor, nonvandal, white, TDN w/IR, WDR

ILLUSTRATE CAMERA MODEL KEY											
ILLUSTRATE 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	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						

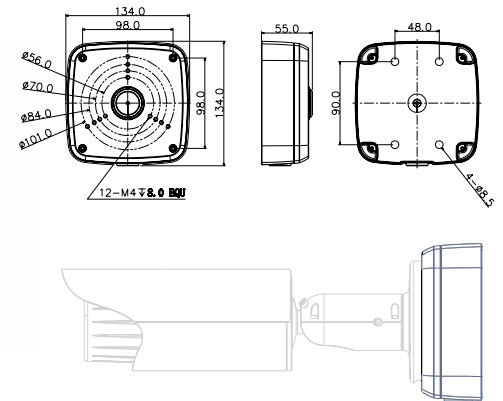
Optional Mini-Dome Accessories

Model	PFA130
Description	Junction Box
Dimensions	138mm x 42mm
Weight	0.38kg
Load Bearing	3.0kg



Optional Mini-Dome Accessories

Model	PFA122
Description	Water Proof Junction Box
Dimensions	134mm x 134mm x 55mm
Weight	0.5Kg
Load Bearing	3Kg



Related Products



VideoEdge



exacqVision



victor

Approvals



Driving network video through global standardization

www.illustracameras.com