

Standard

2MP IP Bullet Camera with 2.8-12mm motorized lens



Features That Make a Difference:

- 1/1.8" Progressive Scan CMOS
- 2.8 – 12mm Motorized Varifocal Lens
- 140dB True WDR
- 3D DNR
- Up to 50 m IR range
- Alarm I/O
- DC12V/PoE
- IP67
- IK10

The Illustra Standard IR Bullet Camera by American Dynamics comes with a long range 2.8- 12mm motorized zoom lens and has several intelligent functions in-built for high-quality video surveillance. Additionally, this HD Camera Model ISS02B3ONWIT-B comes with a rich feature-set that includes 140dB WDR, PoE, and 3D DNR to meet a wide variety of Video Surveillance applications capturing high quality colored images in back light environment.

Superior IR Performance

An in-built IR covering up to 50 meter range provides high quality colored images in low light conditions.

Camera Function

The resolution of the Camera is up to 1920 x1080 @upto 60FPS. It supports H.264/ MJPEG video compression and Baseline/ Main/High Profile encoding complexity.

In backlit situations, the camera supports 140dB True WDR.

Built-in Intelligence

With a host of intelligent features and functions, the camera makes video surveillance easy for security professionals.

Intelligent Detection includes comprehensive features such as Line crossing detection, Intrusion detection, Region entrance, Region exiting, Un-attended baggage, Object removal & face detection.

ONVIF Support

The Camera supports the ONVIF (profile S & profile G) protocol, Video Stream Recording, live view at different resolutions and bitrate configuration options.



Specifications

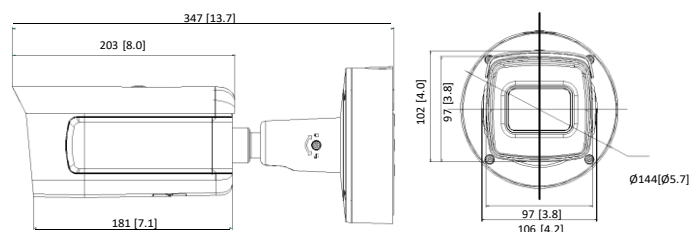
Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1 s to 1/100,000 s, Supports Slow Shutter
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
AGC	Auto/Manual
WDR	140 dB
Lens	
Lens	2.8 to 12 mm Motorized
Aperture	F1.6 to F1.65
Horizontal Angle	103.3°(wide)-38.6°(tele)
Focus	Auto, semi-auto, manual
IR	
IR Range	50 m
Wavelength	850 nm
Smart IR	Supported
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub stream/third stream/fourth stream/fifth stream/custom stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 16 Mbps, CBR, VBR
Streams	Upto 5
Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection, region entry detection, region exit detection, unattended baggage detection, object removal detection, Face Detection
Exception Detection	Scene change detection, defocus detection
Region of Interest	4 fixed regions for main stream
Image	
Max. Resolution	1920 × 1080
Main Stream	Up to 60fps (1920 × 1080, 1280 × 960, 1280 × 720) @ 60Hz
Sub Stream	Up to 30fps (704 × 480, 640 × 480) @ 60Hz
Third Stream	Up to 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480) @ 60Hz
Fourth Stream	Up to 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) @ 60Hz
Fifth Stream	Up to 30fps (704 × 480, 640 × 480) @ 60Hz
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance

White Balance	Auto/Manual/Incandescent light/Cool white/fluorescent light/Sun light/Cloudy/Natrium light
Target Cropping	Yes
SVC	H.264 and H.265 encoding
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In
Exposure	Scene/Manual mode
Network	
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP
Security	Password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filter, basic and digest authentication for HTTP/HTTPS
General Function	One-key reset, anti-flicker, password protection, watermark, IP address filter
Privacy Mask	4
Onvif	ONVIF (PROFILE S, PROFILE G)
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Web Browser	IE8+, Mozilla Firefox 30.0+, Google Chrome 31.0+, Safari 8.0+
Interface	
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port
Network Delay	<250ms
Alarm	2 inputs, 2 outputs (up to 24 VDC 1A or 110 VAC 500 mA)
On-board storage	Built-in micro TF/SD/SDHC/SDXC slot, up to 256 GB
Reset Button	Yes
General	
Operating Conditions	Temperature: -40 °C to 60 °C Humidity: 0 - 95% (non-condensing)
Power Supply	12 VDC / PoE (802.3at, class 4)
Power Consumption and Current	12 VDC, 1.3 A, max. 15W PoE (802.3at, 42.5 V to 57 V), 0.4A
Protection Level	IP67, IK10
Heater	In-Built
Regulatory	UL, CE, FCC
Material	Aluminum alloy
Dimensions	Camera: Ø144 × 347 mm (Ø5.7" × 13.7")
Weight	Camera: approx. 2.45 kg (5.40 lb.)

Ordering Information

Model Number	Description
ISS02B3ONWIT-B	2MP Bullet with 2.8-12mm Motorized Lens, 50m IR, TWDR

Dimensions



Related Products



VideoEdge



victor



exacqVision

Approvals



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