![illustra From Tyco Security Products]

Standard
2MP Varifocal Network Bullet Camera

Features That Make a Difference:

- 1/2.8" Progressive Scan CMOS

- 1920 × 1080@30fps

- 2.8 to 12 mm Motorized vari-focal lens

- Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR

- H.265+, H.265, H.264+, H.264

- Three streams

- 120dB WDR

- 2 behavior analyses, and face detection

The new Illustra Standard 2MP Bullet Camera by American Dynamics comes with a varifocal lens and has several intelligent functions in-built for high-quality video surveillance. Additionally, this Full HD Camera comes with a rich feature-set that includes 120dB WDR, PoE, and 3D DNR to meet a wide variety of Video Surveillance applications.

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

Camera Function
The resolution of the Camera is up to 1920 × 1080 @up to 30FPS. It supports H.265+/MJPEG video compression and Baseline/Main/High Profile encoding complexity.

The camera supports 120 dB WDR and Backlight Compensation.

Ideal for Outdoor Applications
The Camera supports the ONVIF (profile S & profile G) protocols, Video Stream recording and live view at different resolutions.

Ideal for Outdoor Applications
Ingress Protection is at the IP67 level with anti-thunder, anti-surge, anti-static protection that makes this camera ideal for Outdoor Video Surveillance applications.

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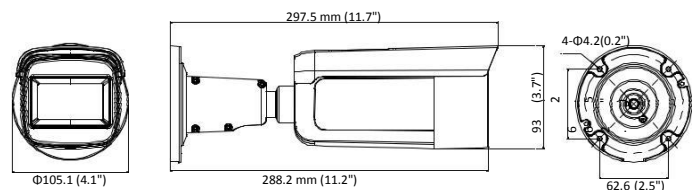
Specifications

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°

Lens	
Focal length	2.8 to 12 mm Motorized Vari-Focal lens
Aperture	F1.6
Focus	Auto
FOV	horizontal FOV: 110° to 31° vertical FOV: 58° to 18° diagonal FOV: 136° to 36°

IR	
IR Range	Up to 50 m
Wavelength	850nm

Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	256 Kbps to 16 Mbps

Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection
Face Detection	Yes
Region of Interest	1 fixed region for main stream and sub-stream

Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR/HLC
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by alarm in (-S)

Network	
Network Storage	Support Micro SD/SDHC/SDXC card (128G) ; local storage
Alarm Trigger	Motion detection, video tampering, 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, Bonjour
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G),
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

Interface	
Audio (-S)	1 input (line in/mic.in), 1 output (line out), mono sound, terminal block
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Alarm (-S)	1 input, 1 output (max. 12 VDC, 30 mA), terminal block
Video Output	1Vp-p composite output(75Ω/BNC) (For adjustment only)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 and H.265 encoding
Reset Button	Yes

Audio (-S)	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)

General	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, terminal block PoE (802.3at, class 4)
Power Consumption and Current	12 VDC, 1.2A, max. 14.5W PoE (802.3at, 42.5V to 57V), 0.43A to 0.3A, max. 18W
Protection Level	IP67, IK10
Material	Metal
Dimensions	Ø 105.1 × 297.5 mm (Ø 4.1" × 11.7")
Weight	Camera: Approx. 1285 g (2.8 lb.) With Package: Approx. 1964 g (4.3 lb.)

Ordering Information

Model Number	Description
ISL02M1BNWIT	2 MP IR Bullet with Varifocal lens, TWDR

Dimensions

297.5 mm (11.7")
Φ105.1 (4.1")
288.2 mm (11.2")
93 (3.7")
4-Φ4.2(0.2")
62.6 (2.5")

Related Products

VideoEdge

victor

exacqVision

Approvals

UL CERTIFIED   FC   CE

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