5MP Motorized V/F IR Bullet Smart Network Camera

Features That Make a Difference

- 5MP resolution (2592 × 1944), H.265
- 30fps@5MP, 60fps@2MP
- True day / night
- Up to 70m IR distance with Smart IR
- Auto focus by motorized V/F lens
- True WDR, up to 120dB
- 3D DNR, HLC & BLC
- Defog
- Triple streams
- Smart codec by ROI
- 2-way audio & alarm in/out
- Onboard storage
- PoE power supply
- Advanced intelligent video analytics
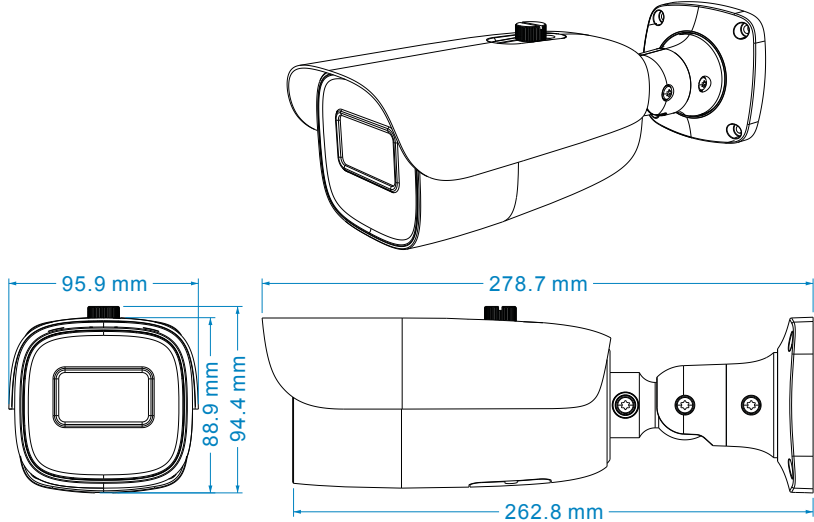- Face detection / capture
- Smart non-false alarm
- IP67 / IK10

Specification

Camera	
Imager	1 / 2.7" CMOS
Effective Pixels	2592 × 1944
Min. Illumination	0.008 Lux,F1.2,AGC ON; 0.01 Lux, F1.6,AGC ON; 0 lux with IR
Shutter Speed	PAL: 1 / 25 s ~ 1 / 100000 s NTSC: 1 / 30 s ~ 1 / 100000 s
S/N Ratio	≥52 dB
Angle Adjustment	Any angle

Lens	
Focal Length	2.8~ 12 mm @F1.4, Motorized
Iris Type	DC-Iris
Field of View	Horizontal: 92.7°~ 29.8° Vertical: 76.4°~ 22.6°
Focus Control	auto-focus
Lens Mount	ø 14

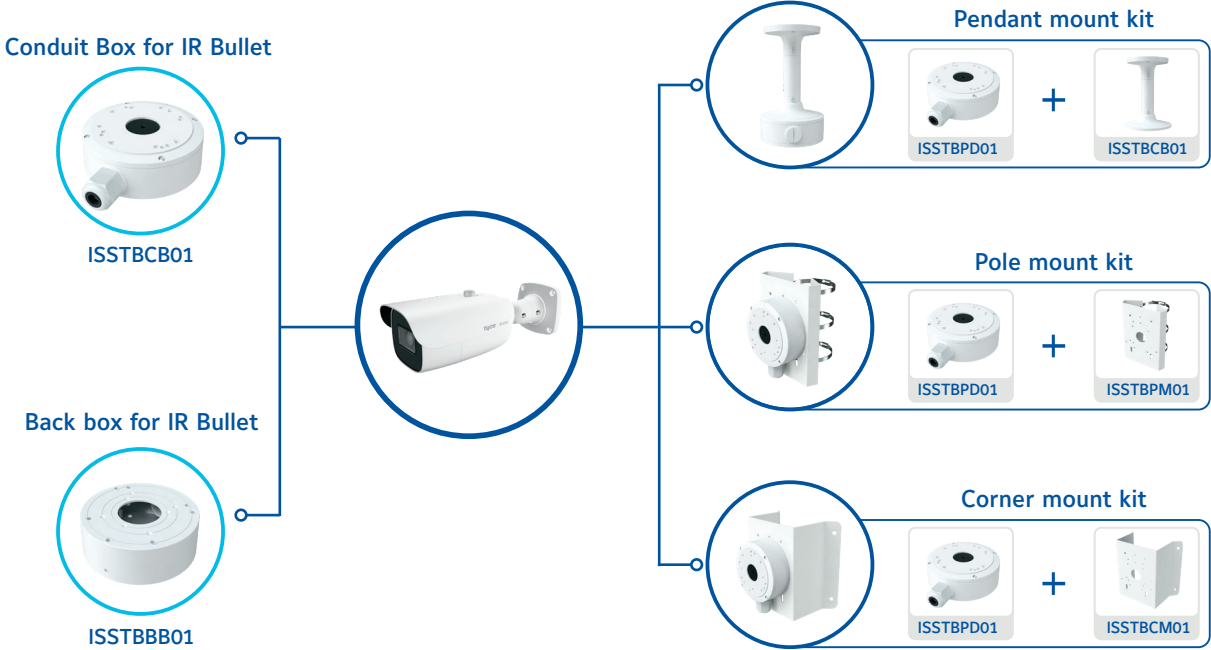| Video	
Video Compression	H.265 / H.264
H.264 Compression Standard	Base Line / Main Profile / High Profile
H.265 Compression Standard	Main Profile @Leve4.1 High Tier
Resolution	5MP (2592×1944), 4MP (2560×1440),3MP (2304×1296), 1080P (1920×1080), 720P (1280×720),D1, CIF, 480×240
Max.Frame Rate	30fps @ all resolution,60fps @ 1080P
Video Bit Rate	128 Kbps ~ 10 Mbps
Multiple Streaming	Triple streams

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Sub Stream	60Hz:720P/D1/CIF /480×240 (1~30fps) 50Hz:720P/D1/CIF/480×240 (1~25fps)
Third Stream	60Hz : D1 (1 ~ 30fps) / 480x240 (1 ~ 30fps) / CIF (1 ~ 30fps) 50Hz : D1 (1 ~ 25fps) / 480x240 (1 ~ 25fps) / CIF (1 ~ 25fps)
Smart Codec	ROI, 3 zones
Bitrate Control	VBR / CBR
Quality Control	Five levels under VBR; Freely adjustable under CBR
Image Setting	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR,etc.

Audio

Audio Communication	Bi-directional audio (2-way)
Audio Compression Format	G711A/U
Audio Bit Rate	128Kbps

Operational

Day & Night	IR cut filter with auto switch
Backlight Compensation	Yes
Wide Dynamic Range	True WDR, 120dB
IR Distance	Up to 70M
Digital Noise Reduction	2D/3D DNR
Digital Zoom	Yes
Defog	Yes
Corridor Pattern	Yes
Flip / Mirror	Yes
Video Privacy	4 zones video mask
Video analítico inteligente	Perimeter Protection: Line crossing, region Entering/ Exiting/Intrusion (human/motor vehicle/ non-motor vehicle classification) Target Counting: Line crossing human/motor vehicle/ non-motor vehicle counting Exception Detection: Scene change, video blur and video color cast detection Face Detection: Face detection and face capture
Alarm Triggers	Alarm input, Motion detection, Intelligent video analytics, Network disconnect
Edge Storage	Built-in micro SD card slot, up to 128GB
Backfilling	Yes

Network

Network Protocol	TCP / IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, UPnP, Unicast, Multicast
Cyber Security	HTTPS / IP Filter / IEEE 802.1X /Blacklist & whitelist/ account security/telnet access control/serial password
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Remote Monitoring	Webviewer browsing, ExacqVision, victor
API	ONVIF (Profile S/G), iAPI3

Interface

Network	RJ45
Audio	Line IN × 1, Line OUT × 1
Video Output	CVBS video output (BNC × 1)
Onboard Storage	Built-in micro SD/SDHC/SDXC slot
RS485	NONE
Alarm	Alarm 1 in / 1 out
Hardware Reset	Support

Environmental

Operating Temperature	– 30 °C ~ 60 °C
Operating Humidity	10 % ~ 90 % relative humidity
Ingress Protection	IP67
Vandal Resistance	IK10

General

Power Supply	DC12V / PoE
Power Consumption	<12 W
Dimensions (mm)	278.7 × 95.9 × 94.4
Material	Metals
Weight	≈1.15 kg

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Certification	Part 15.107, EN 55032:2015, EN 55035:2017
	Part 15.109, UL 62368-1
Warranty	3 years

Dimension

95.9 mm

88.9 mm

94.4 mm

278.7 mm

262.8 mm

Accessories

Conduit Box for IR Bullet

ISSTBCB01

Back box for IR Bullet

ISSTBBB01

Pendant mount kit

ISSTBPD01 + ISSTBCB01

Pole mount kit

ISSTBPD01 + ISSTBPM01

Corner mount kit

ISSTBPD01 + ISSTBCM01

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Ordering Information

Module	Description
ISV-B05M023S-N	H.265 5MP Motorized V/F IR Bullet N/W Camera, 2.8-12mm, 70M IR, Micro SD, DC12V/PoE, IP67/IK10, Smart IVA
ISSTBCB01	Conduit Box for IR Bullet
ISSTBBB01	Backbox for IR Bullet
ISSTBPD01	Pendant mount for IR Bullet (use with ISSTBCB01)
ISSTBPM01	Pole mount for IR Bullet (use with ISSTBCB01)
ISSTBCM01	Corner mount for IR Bullet (use with ISSTBCB01)

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