

2MP V/F IR Bullet Network Camera



Features That Make a Difference:

- 2MP resolution (1920 × 1080), H.265
- True day / night
- 30 ~ 50m IR distance
- 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
- Basic intelligent video analytics
- IP66

Specification

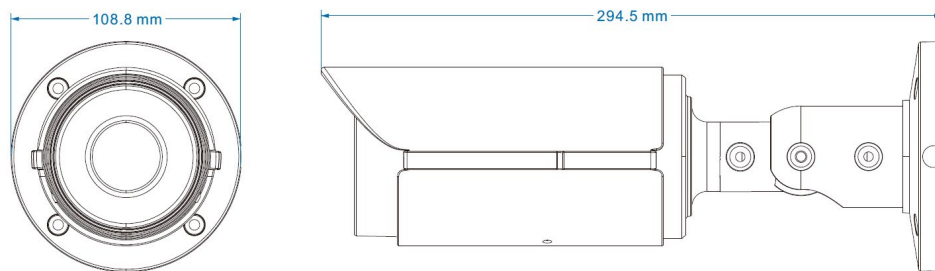
Camera	
Imager	1 / 2.7" CMOS
Effective Pixels	1920 × 1080
Min. Illumination	0.009lux@F1.2,AGC ON; 0 lux with IR
Shutter Speed	PAL: 1 / 25 s ~ 1 / 100000 s NTSC: 1 / 30 s ~ 1 / 100000 s
S/N Ratio	≥52 dB
Angle Adjustment	Any angle
Lens	
Focal Length	2.8 ~ 12 mm @F1.4
Iris Type	Fixed Iris
Field of View	2.8 ~ 12 mm @F1.4: Horizontal FOV: 94.3° ~ 35.6° Vertical FOV: 64.5°-20.5°
Focus Control	Manual focus
Lens Mount	Φ 14
Video	
Video Compression	H.265 / H.264 / MJPEG
H.264 Compression Standard	Base Line / Main Profile / High Profile
H.265 Compression Standard	Main Profile @Level 4.1 Main Tier
Resolution	1080P (1920 x 1080), 720P (1280 x 720), D1, CIF, 480 x 240
Max.Frame Rate	30fps @ all resolution
Video Bit Rate	64Kbps ~ 8Mbps
Multiple Streaming	Triple streams
Main Stream	60Hz : 1080P(1 ~ 30fps) / 720P(1 ~ 30fps) 50Hz : 1080P(1 ~ 25fps) / 720P(1 ~ 25fps)
Sub Stream	60Hz : D1(1 ~ 30fps) / CIF(1 ~ 30fps) 50Hz : D1(1 ~ 25fps) / CIF(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	G711U
Audio Bit Rate	128Kbps
Operational	
Day & Night	IR cut filter with auto switch
Backlight Compensation	Yes
Wide Dynamic Range	True WDR, 120dB
IR Distance	30 ~ 50 M
Digital Noise Reduction	2D/3D DNR
Digital Zoom	Yes
Defog	Yes
Corridor Pattern	Yes
Flip / Mirror	Yes
Video Privacy	4 zones video mask
Intelligent Video Analytics *	Video exception detection; - Scene change - Video blur - Video cast Line crossing detection; Intrusion (perimeter) detection
Alarm Triggers	Alarm input, Motion detection, Intelligent video analytics, Network disconnect
Edge Storage	Micro SD/SDHC/SDXC slot, up to 128 GB
Remote Control	RS485
Network	
Network Protocol	TCP / IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP
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 6 users; Support multi-stream real time transmission
Remote Monitoring	Webviewer browsing, HVM Pro, HVM Lite
API	ONVIF, HAPI3
Interface	
Network	RJ45
Audio	MIC IN × 1, MIC OUT × 1
Video Output	CVBS video output (BNC × 1)
Onboard Storage	Built-in micro SD/SDHC/SDXC slot
RS485	RS485 × 1
Alarm	Alarm 1 in / 1 out
Hardware Reset	Support

Environmental	
Operating Temperature	- 30 °C ~ 60 °C
Operating Humidity	10 % ~ 90 % relative humidity
Ingress Protection	IP66
General	
Power Supply	DC12V / PoE
Power Consumption	< 9.5W
Dimensions (mm)	Φ 108.8 × 294.5
Material	Metal / Plastic
Weight	1175g
Installation	Wall mounting, ceiling mounting

* Working with HAPI3 protocol only.

Dimension



Ordering Information

Model	Description
ISE-B02V013-N	H.265 2MP Manual V/F IR Bullet N/W Camera, 2.8-12mm, 30-50M, DC12V/PoE, IP66, IVA

Approvals



www.tycosecurityproducts.com