

## 4 Megapixel Dual-spectrum Thermal Network Bullet Camera



**4MP**  
4MP Resolution

  
ICR Day and Night

**WDR**  
Wide Dynamic Range

  
ICR Day and Night

### KEY FEATURES

- Support reliable fire detection, smoking detection and fire shield area
- Thermal module supports temperature detection and cold & hot spot tracking which highlights the abnormal temperature, and link to Alarm
- Support audio and light alarm, with red and blue warning lights built in

### Image - Thermal Module

Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Response Waveband	8~14μm
Pixel Size	12μm
Max. Resolution	720p (1280 x 720)
IFOV	3.75mrad
NETD	≤55mk @f/1.0 @25°C
Lens	3.2 mm, F1.1 Fixed Lens
Palette	Up to 20 palettes of optional color, including: white hot, lava, iron oxide red, hot iron, medical, arctic, rainbow 1, rainbow 2, rainbow 3, depict hot, ice hot, black hot, mazarine, fusion, red hot, green hot, color 1, color 2, rain, puce

### Image - Optical Module

Sensor	1/1.8" Progressive scan CMOS
Video Compression	Ultra H.265, H.265, H.264, M-JPEG
Audio Compression	G.711U,G.711A
Max. Resolution	4MP (2688 x 1520)
Resolution Support	4MP (2688 x 1520) @ 30fps
Shutter Speed	Auto/Manual, 1 ~ 1/100000s
Lens	4 mm, F1.6 Fixed Lens
Min. Illumination	Color: 0.001Lux, BW: 0 Lux (IR On)
Day & Night	ICR
IR LED	Smart IR LED, Range: 50m

### Functions

Video Streaming	Triple
Privacy Mask	Up to 8 areas
Motion Detection	Yes
OSD	Up to 8 OSDs
BLC	Yes
Local Storage	Yes (Micro SD, up to 256GB)
WDR	120dB
Smart Analytics	Motion Detection, Audio Detection, Tampering Alarm, Object Left Behind Detection, Object Removed Detection, Scene Change Detection, Smart Intrusion Prevention

## 4 Megapixel Dual-spectrum Thermal Network Bullet Camera

### Smart - Thermal Module

Fire Detection	Support the detection of fire point in the environment and up to 10 fire points can be detected
Smoking Detection	Support the detection of smoking in the environment and link to alarm
Temperature Detection	Support area detection, and link to alarm, the temperature value can be added to the alarm picture Support cold&hot point tracking, timely and clearly shows the abnormal point Up to 12 rules can be set Temperature range: -20°C ~+150°C Temperature accuracy: Max (±8°C/±8%)
Smart Intrusion Prevention	Support False Alarm Filtering: Line Crossing Detection, Intrusion Detection, Enter Area, Leave Area Support Motor Vehicle and Pedestrian Detection Capture and Plan arming

### Network

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Open IP Protocol	ONVIF
DDNS	Yes (Star4live)
Remote Access Client	Guard Station, Web Client, uMobile
Network	10M/100M Base-TX Ethernet

### Interface

Audio I/O	1 / 1
Alarm I/O	2 / 2
Serial Port	1 RS485

### Mechanical

Dimensions (W x D x H)	104 × 354 × 116 mm
Weight	1.85kg

### Environmental

Operating Temperature	-40°C ~ +70°C
Operating Humidity	≤ 95% RH (non-condensing)

### Electrical

Power Source	12 VDC, PoE (IEEE 802.3af)
Power Consumption	Max. 12W