

# Specifications

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## Camera

Image Sensor:	1/2.7" CMOS x2
Effective Pixels:	2560 (H) × 1440 (V) x2
RAM/Rom:	128MB/ 1GB
Scanning System:	Progressive
Minimum Illumination:	0.005 Lux@F1.6 (Color,30 IRE) 0.0005 Lux@F1.6 (B/W,30 IRE) 0 lux (Illuminator on)
Illumination Distance:	Distance up to 98.43 ft (30m)
Illumination LEDs:	16
Camera Illumination Type:	IR

## Lens

Lens Type:	Fixed-focal
Mount Type:	M12
Focal Length:	2.8mm
Max. Aperture:	F1.6
Angle of View:	Horizontal: 95°; Vertical: 52°
Close Focus Distance:	3.61 ft (1.1m)
DORI - Detect:	208ft
DORI - Observe:	83ft
DORI - Recognize:	41ft
DORI - Identify:	21ft

## Intelligence

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IVS:	Tripwire, Intrusion, Abandoned object; missing object
Advanced Intelligent Functions:	Perimeter Protection: Intrusion, tripwire, fast moving (vehicle and human detection) Intelligent Motion Detect Face Detection, People Counting

### Video

Compression:	H.265; H.264; H.264H; H.264B; MJPEG (Only supported by the sub stream only)
Streaming Capability:	3 Streams
Resolution:	4M (2560 × 1440); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M(1280×960); 720p (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)
Frame Rate:	Main stream: 2560 × 1440 @(1–25/30 fps ) Sub stream: 704 × 576 @ (1–25 fps)/704 × 480 @ (1–30fps) Third stream: 1920 × 1080 @ (1–25/30 fps)
Bit Rate:	H.264: 32 kbps–8192 kbps H.265: 32 kbps–8192 kbps
Day/Night:	Auto(ICR) / Color / B/W
Backlight Compensation:	BLC / HLC / 120dB WDR
Gain Control:	Auto / Manual
Noise Reduction:	3D DNR
Smart IR:	Supported
Flip:	0°/90°/180°/270°
Mirror:	Off/ On
WDR:	120dB

### Audio

Compression:	PCM; G.711a; G.711Mu; G.726; G.723
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### Network

Ethernet:	RJ-45 (10/100 Base-T)
Protocol:	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP
Max. User Access:	20 (Total bandwidth: 64 M)

Edge Storage: FTP; SFTP; Micro SD card (support max. 256 GB); NAS

Web Viewer: IE, Chrom, Firefox, Safari

Management Software: Smart ICRSS, DSS

### Interface

Audio I/O: 1/1 channel (RCA port)

Alarm I/O: 2 channels in: 5mA 3V–5 VDC  
2 channels out: 300mA 12 VDC

Memory Slot: Support max. 256 GB

### Electrical

Power Supply: 12 VDC/PoE

Power Consumption: Basic: 3.1 W (12 VDC); 4 W (PoE)  
Max. (H.265 + IR on + intelligence+ WDR): 6.6 W (12VDC); 8 W (PoE)

### Environmental

Operating Conditions: –40 °F to 140 °F (–40 °C to +60 °C)

Ingress Protection: IP67

Vandal Resistance: IK10

### Construction

Casing: Metal

Dimensions: 2.61" × 4.80" (66.2 mm × 122.0 mm)

Gross Weight: 1.48lb (0.67kg)

Mounting Pan/Tilt/Rotation: Pan: 0°–175°, Tilt: 0°–65°, Rotation: 0°–360°