

## Camera

Image Sensor: 1/2.7 5 Megapixel progressive scan CMOS

Effective Pixels: 2592(H) x 1944(V)

RAM/Rom: 128MB/ 512MB

Scanning System: Progressive

Minimum Illumination: 0.006 Lux@F2.0 (Color, 30IRE)  
0.0006 Lux@F2.0 (B/W, 30IRE)  
0 Lux (Illuminator on)

S/N Ratio: More than 50dB

IR Distance: N/A

IR On/Off Control: N/A

IR LEDs: N/A

## Lens

Lens Type: Fixed

Mount Type: Board-in

Focal Length: 1.4mm

Max. Aperture: F2.0

Angle of View: H: 180 degrees V: 180 degrees

Focus Control: Fixed

Close Focus Distance: 0.2 m (0.7 ft)

DORI - Detect: 92ft

DORI - Observe: 36ft

DORI - Recognize: 18ft

DORI - Identify: 9ft

## PTZ

Tracking Trigger Event: N/A

## Intelligence

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IVS:	Tripwire / Intrusion
Advanced Intelligent Functions:	Perimeter Protection, Heat map, People Counting

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## Video

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Compression:	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
Streaming Capability:	3 Streams
Resolution:	5M (2592 x 1944) / 3M (2048 x 1536) / UXGA (1600 x 1200) / 1.3M (1280 x 960) / D1 (704 x 576 / 704 x 480) / CIF (352 x 288 / 352 x 240)
Frame Rate:	Main Stream: 5M(1 - 25fps) Sub Stream: D1(1 - 25/30fps) Third Stream: (1280 × 720 @1–25/30 fps)
Bit Rate Control:	CBR/ VBR
Bit Rate:	H.264: 3 kbps–8192 kbps H.265: 3 kbps–8192 kbps
Day/Night:	Electronic
Backlight Compensation:	BLC / HLC /120dB WDR
White Balance:	Auto / Natural / Street Lamp / Outdoor / Manual
Gain Control:	Auto / Manual
Noise Reduction:	3D DNR
Motion Detection:	Off / On (4 Zones Rectangular)
Region of Interest:	Off / On (4 Zones Rectangular)
Smart IR:	N/A
Digital Zoom:	16X
Flip:	N/A
Mirror:	Off / On
Privacy Masking:	Up to 4 areas
WDR:	120dB

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## Audio

Compression: G.711a / G.711Mu / AAC / G.726

## Network

Ethernet: RJ-45 (10/100Base-T)

Protocol: HTTP / HTTPS / TCP / ARP / RTSP / RTP / UDP / SMTP / FTP / DHCP / DNS / DDNS / PPPOE / IPv4 / IPv6 / QoS / UPnP / NTP / Bonjour / 802.1x / Multicast / ICMP / IGMP / SNMP

Interoperability: ONVIF (Profile S/Profile G/Profile T); CGI

Streaming Method: Unicast / Multicast

Max. User Access: 20 Users

Edge Storage: NAS / Local PC for instant recording / Micro SD Card 256GB

Web Viewer: IE, Firefox, Safari, Chrome

Management Software: Smart ICRSS, DSS

Smart Phone: iPhone, iPad, Android

## Interface

Video Interface: N/A

RS232: N/A

RS485: N/A

Audio I/O: Built-in Microphone, 1 channel (RCA port) Input/ Output

Alarm I/O: 1/1 channel In/Out

Factory Reset: Yes

Memory Slot: Micro SD card 256GB

## Electrical

Power Supply: DC12V PoE (802.3af)(Class 0)

Power Consumption: Basic power consumption: 3.7W (12V DC); 4.7W (PoE)  
Max. power consumption (H.265 + intelligent function + WDR): 5.1W (12V DC); 6W (PoE)

## Environmental

Operating Conditions: -30 C ~ +60 C (-22 F ~ +140 F) / Less than 95% RH

Operating Humidity: Less than 95% RH

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Storage Conditions: -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH

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Ingress Protection: IP67

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Vandal Resistance: IK10

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### Construction

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Casing: Metal

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Dimensions: 62.0 mm × Φ110.0 mm  
(2.44" × Φ4.3")

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Gross Weight: 502 g (1.1 lb)

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Mounting Pan/Tilt/Rotation: Pan:0 ~ 355 ; / Tilt:0 ~ 75 ; / Rotation:0 ~ 360

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