

Specifications

Camera

Image Sensor: 1/3" 4 Megapixel progressive CMOS

Effective
Pixels: 2688(H)x1520(V)

RAM/Rom: 128MB/128MB

Scanning
System: Progressive

Minimum
Illumination: 0.008 Lux @ F1.6

S/N Ratio: More than 50dB

IR Distance: Up to 30m (98ft)

IR On/Off
Control: Auto / Manual

IR LEDs: 2

Lens

Lens Type: Fixed

Mount Type: Board-in

Focal Length: 2.8mm

Max. Aperture: F1.6

Angle of View: Horizontal: 102.0°, Vertical: 55.0°

Optical Zoom: N/A

Focus Control: Fixed

Close Focus
Distance: 0.8m(2.63ft)

DORI - Detect: 183ft

DORI - 73ft
Observe:

DORI - 36ft
Recognize:

DORI - 18ft
Identify:

Video

Compression: H.265; H.264; H.264B; MJPEG

Streaming
Capability: 2 Streams

Resolution: 4M(2688 x 1520) / 3M(2304 x 1296) / 1080P(1920 x 1080) / 720P(1280 x 720) / VGA(640 x 480)
/ D1(704 x 576 / 704 x 480) / CIF(352 x 288 / 352 x 240)

Frame Rate: Main Stream: 4M(1 ~ 20fps)
Sub Stream: D1(1 ~ 20fps)
Third Stream: N/A

Bit Rate
Control: CBR/VBR

Bit Rate: H.265: 12K~ 6144K
H.264: 32K~6144K

Day/Night: Auto(ICR) / Color / B/W

Backlight
Compensation: BLC / HLC / WDR (120dB)

White Balance: Auto/Natural/Street Lamp/Outdoor/Manual

Gain Control: Auto / Manual

Noise
Reduction: 3D DNR

Motion
Detection: Off / On (4 Zone, Rectangle)

Region of
Interest: Off / On (4 Zone)

Smart IR: Yes

Defog:	N/A
Digital Zoom:	16x
Flip:	0°/90°/180°/270° (Supports 90°/270° with 1080p resolution and lower.)
Mirror:	Off / On
Privacy Masking:	Off / On (4 Area, Rectangle)

Audio

Compression:	G.711A; G.711Mu; G.726; AAC
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Network

Ethernet:	RJ-45 (10/100Base-T)
Protocol:	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; Bonjour
Interoperability:	ONVIF Profile S&G, API, Milestone
Streaming Method:	Unicast / Multicast
Max. User Access:	10 Users/20 Users
Edge Storage:	FTP; SFTP; Micro SD Card (support max. 256 GB); NAS
Web Viewer:	IE, Chrome, Firefox, Safari
Management Software:	SmartICRSS, DSS
Smart Phone:	IOS, Android

Interface

Video Interface:	N/A
RS485:	N/A
Audio I/O:	Built-in Microphone
Alarm I/O:	N/A

Electrical

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

Power Consumption: <6.6W

Environmental

Operating Conditions: -40°C to +60°C (-40°F to +140°F)/less than ≤ 95% RH

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

Storage Humidity: Less than 95% RH

Ingress Protection: IP67

Vandal Resistance: IK10

Construction

Casing: Metal+Plastic

Dimensions: 100.9 mm × 109.9 mm (3.97" × 4.33")

Gross Weight: 0.56 kg (1.2 lb)