Specifications

Camera

Image Sensor:	1/2.8 2 Megapixel progressive scan STARVIS CMOS
Effective Pixels:	1920(H) x 1080(V)
RAM/Rom:	32MB/256MB
Scanning System:	Progressive
Minimum Illumination:	0.002 Lux@F1.5
S/N Ratio:	> 56 dB
IR Distance:	Distance up to 150 m (492 ft)
IR On/Off Control:	Auto/Manual
IR LEDs:	4

Lens

Lens Type:	Motorized vari-focal
Mount Type:	Board-in
Focal Length:	5.3-64mm
Max. Aperture:	F1.5
Angle of View:	H: 58°–4°, V: 34°–2°
Optical Zoom:	12x
Focus Control:	Motorized
Close Focus Distance:	1.0 m–1.5 m (3.28 ft–4.92 ft)
DORI - Detect:	240ft-2897ft
DORI - Observe:	95ft -1158ft

DORI - Recognize:	49ft-580ft
DORI - Identify:	23ft-289ft

Intelligence

IVS:	Object Abandoned/Missing, Heat Map
Advanced Intelligent Functions:	Perimeter Protection: Tripwire, Intrusion (Recognition of vehicle and people), fast moving, loitering detection, parking detection and people gathering. Face Detection Support- Face detection; track; optimization; snapshot; report high quality picture; face enhancement; face exposure Supports 6 kinds of face attributes extraction: Age, Gender,Expression (Happy, Surprised, Normal, Anger, Sad, Disgusted, Confused, Frightened), Glasses, Mouth, Mask, Mustache & Beard. People Counting Support- Supports Line crossing/Region/Queuing people counting; Supports up to 4 rules.

Video

Compression:	H.265,H.264,H.264B,H.264H, MJPEG (only supported by sub stream)
Streaming Capability:	3 Streams
Resolution:	1080P (1920 x 1080) / 1.3M (1280 x 960) / 720P (1280 x 720) / D1 (704 x 576 / 704 x 480) / VGA (640 x 480) / CIF (352 x 288 / 342 x 240)
Frame Rate:	Main Stream: 1080P (1 fps–25/30 fps) Sub Stream: D1 (1 fps–25/30 fps) Third Stream: 1080P (1 fps–6 fps)
Bit Rate Control:	CBR/VBR
Bit Rate:	H.264: 32 Kbps–8192 Kbps H.265: 19 Kbps–7424 Kbps
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:	Support
Flip:	0°/90°/180°/270°
Mirror:	Off / On
Privacy Masking:	Up to 4 areas
WDR:	120dB

Audio

Compression:	G.711a, G.711Mu, AAC, G.726, G.723

Network

Ethernet:	RJ-45 (100/1000Base-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;P PPoE; 802.1x; SNMP
Interoperability:	ONVIF (Profile S/Profile G/Profile T), CGI
Compatability:	ONVIF Profile S&G / API
Streaming Method:	Unicast / Multicast
Max. User Access:	20 Users
Edge Storage:	NAS Local PC for instant recording Micro SD card 256GB
Web Viewer:	IE, Chrome, Firefox, Safari
Management Software:	SmartICRSS, DSS
Smart Phone:	IOS, Android

Interface

Audio I/O:	1/1 channel In/Out
Memory Slot:	Micro SD Card 256GB

Electrical

Power Supply:	DC12V, PoE (802.3af)(Class 0)
Power Consumption:	<10.3W

Enviromental

Operating Conditions:	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions:	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection:	IP67
Vandal Resistance:	IK10

Construction

Casing:	Metal
Dimensions:	273.2mm×95.0mm×95.0mm (10.76"×3.74"×3.74")
Gross Weight:	1.51Kg (3.33lb)
Mounting Pan/Tilt/Rotation:	Pan:0˚~360˚; Tilt:0˚~90˚; Rotation:0˚~360˚