

Camera

Image Sensor:	1/2.8" STARVIS™ CMOS
Effective Pixels:	1920(H) x 1080(V), 2 Megapixels
RAM/Rom:	128MB/ 1024MB
Scanning System:	Progressive
Electronic Shutter Speed:	Support
Minimum Illumination:	Color: 0.005Lux@F1.6(30IRE); B/W: 0.0005Lux@F1.6(30IRE); 0Lux@F1.6 (IR on)
S/N Ratio:	More than 55dB
IR Distance:	Distance up to 200m (656ft)
IR On/Off Control:	Auto/Manual
IR LEDs:	6

Lens

Focal Length:	4.8mm~120mm
Max. Aperture:	F1.6 ~ F4.4
Angle of View:	H: 62.8° ~ 2.6°
Optical Zoom:	25x
Focus Control:	Auto/Manual
Close Focus Distance:	100mm~ 1000mm
DORI - Detect:	5292 ft
DORI - Observe:	2119 ft
DORI - Recognize:	1060 ft
DORI - Identify:	528 ft

PTZ

Pan/Tilt Range:	Pan: 0° ~ 360° endless; Tilt: -20° ~ 90°, auto flip 180°
Manual Control Speed:	Pan: 0.1° ~200° /s; Tilt: 0.1° ~120° /s
Preset Speed:	Pan: 240° /s; Tilt: 200° /s

Presets:	300
PTZ Mode:	5 Pattern, 8 Tour, Auto Pan ,Auto Scan
Speed Setup:	Human-oriented focal Length/ speed adaptation
Power up Action:	Auto restore to previous PTZ and lens status after power failure
Idle Motion:	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period
Protocol:	ICR-SD, Pelco-P/D (Auto recognition)

Intelligence

IVS:	Tripwire, Intrusion, Object Abandoned/Missing
Advanced Intelligent Functions:	Face Detection, Heat Map

Video

Compression:	H.265+/H.265/H.264+/H.264
Resolution:	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate:	Main stream: 1080P/1.3M/ 720P(1~50/60fps) Sub stream1: D1/CIF(1 ~ 25/30fps) Sub stream2: 1080P/1.3M/720P/D1/CIF (1~25/30fps)
Bit Rate:	H.265/H.264: 448K ~ 8192Kbps
Day/Night:	Auto(ICR) / Color / B/W
Backlight Compensation:	BLC / HLC / WDR(120dB)
White Balance:	Auto, ATW, Indoor, Outdoor, Manual
Gain Control:	Auto / Manual
Noise Reduction:	Ultra DNR (2D/3D)
Motion Detection:	Support
Region of Interest:	Support
Electronic Image Stabilization (EIS):	Support
Digital Zoom:	16x
Flip:	180°

Privacy Masking: Up to 24 areas

Audio

Compression: G.711a/G.711Mu/AAC/G.722/G.726/G.729/ MPEG2-L2

Network

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

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

Compatibility: 20 users

Edge Storage: NAS (Network Attached Storage), Local PC for instant recording, Micro SD card 256GB

Web Viewer: IE, Chrome, Firefox, Safari

Management Software: SmartICRSS, DSS

Smart Phone: IOS, Android

Interface

Video Interface: 1 port(BNC, 1.0V[p-p], 75Ω)

RS485: 1

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

Alarm I/O: 7/2

Memory Slot: 256GB

Electrical

Power Supply: AC24V/3A(±25%), PoE+(802.3at)

Power Consumption: 17W, 25W(IR On, Heater On)

Environmental

Operating Conditions: -40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH

Ingress Protection: IP67

Vandal Resistance: IK10

Construction

Casing: Metal

Dimensions: 209×337.4mm (8.2"x 13.2")

Gross Weight: 9.1kg(20.06lb)
