

Technical Specification

Camera	H.265/H.264H/MJEG(Sub Stream)
Image Sensor	1/2.7" 2Megapixel progressive CMOS
Effective Pixels	1920(H) x 1080(V)
RAM/ROM	64MB/16MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s
Minimum Illumination	0.05 lx; f/1.8 (Color, 1/3 s,30IRE) 0.3 lx; f/1.8 (Color, 1/30 s,30IRE) 0 lx; f/1.8 (IR on)
S/N Ratio	More than 40dB
IR Distance	Distance up to 40m(131ft)
IR On/Off Control	Auto/Manual
IR LEDs	2

Lens

Lens Type	Motorized
Mount Type	Board-in

Focal Length	2.8			
Max. Aperture	f/1.8			
Angle of View	H: 105°~33°, V: 56°~18°			
Focus Control	Motorized			
Close Focus Distance	0.2 m (0.66 ft)			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
W	44m	17.6m	8.8m	4.4m
T	133m	53m	27m	13m
Pan/Tilt/Rotation				
Pan/Tilt/Rotation Range	Pan: 0°~360°; Tilt: 0°~90°; Rotation: 0°~360°			
Intelligence				
Event Trigger	Motion detection, Video tampering , Network disconnection, Scene change, IP address conflict, Illegal Access, Storage anomaly			
Video				
Compression	H.265/H.264/H.264B/MJPEG (Sub Stream)			
Smart Codec	H.265+/H.264+			
Streaming Capability	2 Streams			
Resolution	1080P (1920×1080); 1.3 M (1280×960); 720P (1280×720); VGA (640×480); D1 (704×576/704×480);			

	CIF (352×288/352×240)
Frame Rate	Main Stream: 1080P (1~25/30 fps) Sub Stream: D1 (1~25/30 fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 16K~6144K H.265: 6K~6144K
Day/Night	Auto (ICR)/Color/b/w
BLC Mode	BLC / HLC / DWDR
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detetion	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization (EIS)	N/A
Smart IR	Support
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; RTCP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; Bonjour; IEEE 802.1X; Multicast; ICMP; IGMP; TLS; SSH
Interoperability	ONVIF Profile S&G, API

Streaming Method	Unicast / Multicast
Max. User Access	10 Users/20 Users
Edge Storage	NAS (Network Attached Storage) Local PC for instant recording Micro SD Card 128 GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS, DMSS
Smart Phone	IOS, Android
Certifications	
Certifications	CE: (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B
Electrical	
Power Supply	DC 12 V, PoE (802.3af) (Class 0)
Power Consumption	DC 12 V: 1.8 W, 5.8 W (IR On) PoE: 2.1 W, 6.7 W (IR On)
Environmental	
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
Construction	
Casing	Metal+Plastic
Dimensions	243.6 × 90.7 × 90.2 mm (9.59 × 3.57 × 3.55")
Net Weight	0.434 kg (0.957 lb)
Gross Weight	0.693 kg (1.53 lb)

