

SN-IPV7120HDAR-Z

2MP IR Motorized Varifocal Turret Network Camera



Key Features

- 1/2.8" progressive scan CMOS
- Max. 2MP(1920×1080) @25/30fps resolution
- 2.7 to 13.5 mm motorized varifocal lens
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection
- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way, illegal parking, smart motion detection and people counting
- Built-in microphone, 1/1 audio in/out, 1/1 alarm in/out
- Built-in SD card slot, up to 1TB Micro SD card
- Smart IR distance up to 40m
- IP66 protection





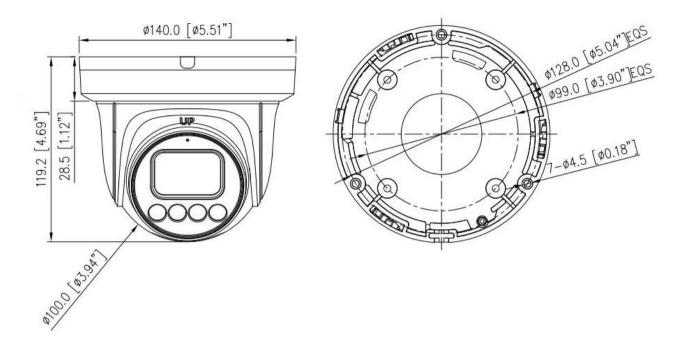
Specification

Camera		
Image Sensor	1/2.8" Progressive Scan CMOS	
Max. Resolution	2MP, 1920(H) × 1080(V)	
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s	
Min. illumination	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
Day & Night	IR cut filter	
Wide Dynamic Range	True WDR	
Angle Adjustment	Pan: 0° to 355°, Tilt: 0° to 80°, Rotation: 0° to 360°	
Lens		
Lens Type	Motorized focal	
Iris	Fixed Iris	
Focal Length	2.7 to 13.5 mm	
Max. Aperture	F1.6	
Field of View (FOV)	H: 101° to 29.3°, V: 54.4° to 12.6°	
DORI Distance		
Detect	48 to 140 m (157.5 to 459.3 ft)	
Observe	19.2 to 56 m (63 to 183.7 ft)	
Recognize	9.6 to 28 m (31.5 to 91.9 ft)	
Identify	4.8 to 14 m (15.7 to 45.9 ft)	
DORI (Detect, Observe, Recognize, and Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances.		
Illuminator		
Illuminator Type	IR	
Illumination Distance	Up to 40 m (131.2 ft)	
Illumination On/Off Control	Auto/Manual	
IR wavelength	850 nm	
Intelligent Analytics		
Multi-Object Detection	Supports face, human, vehicle detection	
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection Support alarm triggering by specified target types (human and vehicle)	

Stream? Stream? Stream2: 19.20×1080, 1280×720 @ 25/30fps Stream3: 10, VGA, CIP @ 25/30fps Stream3: 100, VGA, CIP @ 25/30fps Bit Rate Control CBR/VBR Stream3: 200 Kbps to 12 Mbps Stream3: 100 Kbps to 18 Mbps Stream3: 1	People Counting	Support
Stream? Stream? 1: 1920×1080, 1280×720 @ 25/30fps Stream? D. VGA, Cir @ 25/30fps Stream? D. VGA, Cir @ 25/30fps Bit Rate Control CRR/VBR Stream: 2: 00 Kbps to 12 Mbps Stream3: 100 Kbps to 12 Mbps Stream3: 100 Kbps to 3 Mbps Region of Interest Off/On (8 areas, Rectangle) Smart Encode Support Audio Compression G. 711 A-law, G.711 µ-law, RAM PCM Audio Bit Rate Brightness, Sharpness, Contrast, Saturation adjustable Scene Mode Indoor, Outdoor, Mirror, Corridor mode Exposure Mode Auto, Manual, Shutter priority White Balance Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual Day/Night Setting Auto, Day, Night, Timer Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event VS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Privacy Masking 4 areas Event Event Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPOE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Video and Audio	
Stream/: D1, VGA, CI @ 25/30fps Bit Rate Control CBR/VBR Stream3: 200 kbps to 12 Mbps Stream5: 200 kbps to 12 Mbps Stream6: 100 kbps to 3 Mbps Region of Interest Off/On (8 areas, Rectangle) Smart Encode Support Audio Compression G.711 A-law, G.711 µ-law, RAM PCM Audio Bit Rate Brightness, Sharpness, Contrast, Saturation adjustable Brightness, Sharpness, Contrast, Saturation adjustable Image Image Adjustment Brightness, Sharpness, Contrast, Saturation adjustable Scene Mode Indoor, Outdoor, Mirror, Corridor mode Exposure Mode Auto, Manual, Shutter priority White Balance Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual Day/Night Setting Auto, Day, Night, Timer Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Levent Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPP4/IPV6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPOE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPPP, FTP, SMTP, ROS. ICMP, ISMTP, 802.1x, SNMP, Multicast ONVIE (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Streaming Capability	3 Streams
Stream1: 200 Kbps to 12 Mbps Stream2: 100 Kbps to 6 Mbps Stream3: 100 Kbps to 6 Mbps Stream3: 100 Kbps to 3 Mbps Region of Interest Off/On (8 areas, Rectangle) Smart Encode Support Audio Compression G. 711 A-law, G.711 µ-law, RAM PCM Audio Bit Rate 64 Kbps (G.711), 128 Kbps (RAW_PCM) Image Image Adjustment Brightness, Sharpness, Contrast, Saturation adjustable Scene Mode Indoor, Outdoor, Mirror, Corridor mode Exposure Mode Auto, Manual, Shutter priority White Balance Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual Day/Night Setting Auto, Day, Night, Timer Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event VIS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPVA/IPV6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPGE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SMMP, Multicast Interoperability ONNIE (Profile S/T/S/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 12-4 users, 3 levels: Administrator, Operator, Media user User/Host Level 1P address filter, HTTPS, Illegal login lock, IEEE 802.1x	Stream/Frame Rate	Stream2: D1, VGA, CIF @ 25/30fps
Bit Rate Stream3: 100 kbps to 5 Mbps Stream3: 100 kbps to 3 Mbps Region of Interest Off/On (8 areas, Rectangle) Smart Encode Support G.711 A-law, G.711 µ-law, RAM PCM Audio Compression G.711 A-law, G.711 µ-law, RAM PCM Audio Bit Rate 64 kbps (G.711), 128 kbps (RAW_PCM) Image Image Adjustment Brightness, Sharpness, Contrast, Saturation adjustable Scene Mode Indoor, Outdoor, Mirror, Corridor mode Exposure Mode Auto, Manual, Shutter priority White Balance Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual Day/Night Setting Auto, Day, Night, Timer Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPP0E, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, GOS, ICMP, IGMP, SMTP, 802.1x, SMMP, Multicast User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user User/Host Level 19 address filter, HTTPS, Illegal login lock, IEEE 802.1x	Bit Rate Control	CBR/VBR
Support Audio Compression G.711 A-law, G.711 µ-law, RAM PCM Audio Bit Rate 64 Kbps (G.711), 128 Kbps (RAW_PCM) Image Image Adjustment Brightness, Sharpness, Contrast, Saturation adjustable Scene Mode Indoor, Outdoor, Mirror, Corridor mode Exposure Mode Auto, Manual, Shutter priority White Balance Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual Day/Night Setting Auto, Day, Night, Timer Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPP4/IPV6, HTTP/HTTPS, DNS, DDNS, DHCP, PPD6, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Bit Rate	Stream2: 100 Kbps to 6 Mbps
Audio Compression G.711 A-law, G.711 µ-law, RAM PCM Audio Bit Rate G4 Kbps (G.711), 128 Kbps (RAW_PCM) Image Image Adjustment Brightness, Sharpness, Contrast, Saturation adjustable Scene Mode Indoor, Outdoor, Mirror, Corridor mode Exposure Mode Auto, Manual, Shutter priority White Balance Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual Day/Night Setting Auto, Day, Night, Timer Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPV4/IPV6, HTTP/HTTPS, DNS, DDNS, DHCP, PPP0E, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user User/Host Level 10 dates filter, HTTPS, Illegal login lock, IEEE 802.1x	Region of Interest	Off/On (8 areas, Rectangle)
Audio Bit Rate 64 Kbps (G.711), 128 Kbps (RAW_PCM) Image Image Adjustment Brightness, Sharpness, Contrast, Saturation adjustable Scene Mode Indoor, Outdoor, Mirror, Corridor mode Exposure Mode Auto, Manual, Shutter priority White Balance Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual Day/Night Setting Auto, Day, Night, Timer Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPA/IPV6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPOE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user User/Host Level 1Paddress filter, HTTPS, Illegal login lock, IEEE 802.1x	Smart Encode	Support
Image Adjustment Brightness, Sharpness, Contrast, Saturation adjustable Scene Mode Indoor, Outdoor, Mirror, Corridor mode Exposure Mode Auto, Manual, Shutter priority White Balance Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual Day/Night Setting Auto, Day, Night, Timer Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Event Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPV4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPOE, RTSP/RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Audio Compression	G.711 A-law, G.711 μ-law, RAM PCM
Image Adjustment Brightness, Sharpness, Contrast, Saturation adjustable Scene Mode Indoor, Outdoor, Mirror, Corridor mode Exposure Mode Auto, Manual, Shutter priority White Balance Day/Night Setting Auto, Day, Night, Timer Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPV4/IPV6, HTTP/HTTPS, DNS, DNS, DHCP, PPPOE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPPP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
Exposure Mode Auto, Manual, Shutter priority White Balance Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual Day/Night Setting Auto, Day, Night, Timer Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Event Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, 802.1x, SNMP, Multicast 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Image	
Exposure Mode Auto, Manual, Shutter priority White Balance Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual Day/Night Setting Auto, Day, Night, Timer Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Event Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
White Balance Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual Day/Night Setting Auto, Day, Night, Timer Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Event Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPOE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Scene Mode	Indoor, Outdoor, Mirror, Corridor mode
Day/Night Setting Auto, Day, Night, Timer 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Event Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Exposure Mode	Auto, Manual, Shutter priority
Noise Reduction 2D/3D DNR Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Event Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Image Enhancement HLC, BLC, Defog, WDR Privacy Masking 4 areas Event Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Event Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPOE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Day/Night Setting	Auto, Day, Night, Timer
Privacy Masking 4 areas IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Event Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPOE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Noise Reduction	2D/3D DNR
Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Event Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPOE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Image Enhancement	HLC, BLC, Defog, WDR
Alarm Triggers IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Privacy Masking	4 areas
Sound detection Event Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPOE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Event	
Network Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Alarm Triggers	
Protocols IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Event Actions	Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output
SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Network	
Max Concurrent Streams 10 channels User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Protocols	
User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
Security IP address filter, HTTPS, Illegal login lock, IEEE 802.1x	Max Concurrent Streams	10 channels
	User/Host Level	32+ users, 3 levels: Administrator, Operator, Media user
Web Viewer <ie11, chrome.="" edge<="" firefox.="" microsoft="" td=""><td>Security</td><td>IP address filter, HTTPS, Illegal login lock, IEEE 802.1x</td></ie11,>	Security	IP address filter, HTTPS, Illegal login lock, IEEE 802.1x
,	Web Viewer	<ie11, chrome,="" edge<="" firefox,="" microsoft="" td=""></ie11,>

Interface		
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector	
Built-in Microphone	Support	
Audio Interface	1ch Input, 1ch Output	
Alarm Interface	1ch Input, 1ch Output	
SD Card Slot	Built-in, up to 1TB	
Reset Button	Support	
General		
Language	English, Chinese, Traditional Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Japanese, Korean. Default: English	
Power Supply	12 VDC (-15% to +25%)/PoE (802.3af)	
Power Consumption	Typical: 2.5 W (IR off, 12 VDC) / approx. 3.2 W (PoE) Max: 6.0 W (IR on, 12 VDC) / approx. 7.5 W (PoE)	
Operating Temperature	-30°C to 60°C (-22°F to 140°F)	
Operating Humidity	Less than 90% RH	
Ingress Protection	IP66	
Certifications	CE-EMC - EN 55032, EN IEC 61000-6-3, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4 FCC 47 CFR Part 15 Subpart B	
Material	Aluminum alloy body	
Dimensions	ф140 × 119.2 mm (5.51 × 4.69 inch)	
Net Weight	0.89 kg (1.97 lb)	

Dimensions (mm)



Accessories

Optional:

