

SN-IPV7150EEAR-Z

5MP IR Motorized Varifocal Dome Network Camera



Key Features

- 1/2.7" progressive scan CMOS
- Max. 5MP(2880×1620) @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 and capture
- 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, IK10 protection





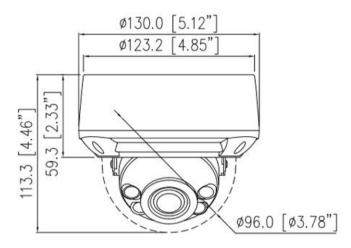
Specification

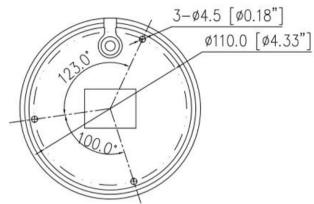
Camera		
Image Sensor	1/2.7" Progressive Scan CMOS	
Max. Resolution	5MP, 2880(H) × 1620(V)	
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s	
Min. illumination	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
Day & Night	IR cut filter	
Wide Dynamic Range	True WDR	
Angle Adjustment	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°	
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: 102.3° to 33.1°, V: 54.3° to 18.5°	
DORI Distance		
Detect	80 to 208 m (262.5 to 682.4 ft)	
Observe	32 to 83.2 m (105.0 to 273.0 ft)	
Recognize	16 to 41.6 m (52.5 to 136.5 ft)	
Identify	8 to 20.8 m (26.2 to 68.2 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 and capture	
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)	

Stream1: 2880×1620, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: 1, VGA, C.IF @ 25/30fps Stream3: VGA, C.IF @ 25/30fps Bit Rate Control CBR/VBR Stream3: 100 Kbps to 12 Mbps Stream3: 100 Kbps to 12 Mbps Stream3: 100 Kbps to 3 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 Alarm Triggers INS, 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 ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels	People Counting	Support
Stream1: 2880×1620, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: 1, VGA, C.IF @ 25/30fps Stream3: VGA, C.IF @ 25/30fps Bit Rate Control CBR/VBR Stream3: 100 Kbps to 12 Mbps Stream3: 100 Kbps to 12 Mbps Stream3: 100 Kbps to 3 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 Alarm Triggers INS, 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 ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels	Video and Audio	
Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF Q, QGA @ 25/30fps Bit Rate Control CBR/WBR Stream2: 200 Kbps to 1 Mbps Stream2: 100 kbps to 5 Mbps Stream2: 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 Seene 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 Livia Martin Stream3 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, UPPP, FTP, SMTP, GOS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI	Streaming Capability	3 Streams
Stream1: 200 Kbps to 12 Mbps Stream2: 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 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, PPPGE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMPP, ISMTP, 802.1x, SNMPP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 Channels	Stream/Frame Rate	Stream2: D1, VGA, CIF @ 25/30fps
Bit Rate Stream2: 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 Livingers INS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection Alarm Triggers INS, 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, PPPGE, 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	Bit Rate Control	CBR/VBR
Smart Encode 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 Event Actions Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output Network Protocols Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels	Bit Rate	Stream2: 100 Kbps to 6 Mbps
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 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 Image Enhancement Protocols Image Enhancement Alarm 7 ingers 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 Image Enhancement Indicate Trip upload, SMTP upload, Alarm output, Audible alarm output Network Protocols Image Enhancement Indicate Trip upload, SMTP, BO2.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams Indicate Trip upload, SMTP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI	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 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 Max Concurrent Streams 10 channels	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 Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels	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 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	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, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams IO channels	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, 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	Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
White Balance Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual 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	Scene Mode	Indoor, Outdoor, Mirror, Corridor mode
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	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	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	Day/Night Setting	Auto, Day, Night, Timer
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	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	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 ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels	Privacy Masking	4 areas
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 ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels	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 ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels	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	Event Actions	Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output
SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast Interoperability ONVIF (Profile S/T/G/M), SDK, CGI Max Concurrent Streams 10 channels	Network	
Max Concurrent Streams 10 channels	Protocols	
	Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
User/Host Level 32+ users, 3 levels: Administrator, Operator, Media user	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	Security	IP address filter, HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td=""><td>Web Viewer</td><td><ie11, chrome,="" edge<="" firefox,="" microsoft="" td=""></ie11,></td></ie11,>	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, IK10	
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, bubble: plastic	
Dimensions	φ130 × 113 mm (φ5.12 × 4.45 inch)	
Net Weight	0.75 kg (1.65 lb)	

Dimensions (mm)





Accessories

Optional:



SN-CBK657 Junction Box



SN-CBK501 Wall Mount



SN-CBK201 Pendant Cap



SN-CBK502 Wall Mount



SN-CBK402 Ceiling Mount



SN-CBK101 Pole Mount



SN-CBK901 Recessed Mount (Mic impact)



SN-CBK102 Corner Mount