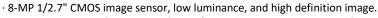


KX-CAi8001SN-A

8MP IR Fixed-focal Bullet Network Camera

Design and specifications are subject to change without notice Pictures in the document are for reference only, and the actual product shall prevail



- \cdot Outputs max. 8 MP (3840 × 2160) @20 fps, and supports 2688 × 1520 (2688 × 1520) @25/30 fps.
- \cdot H.265 codec, high compression rate, ultra-low bit rate.
- \cdot Built-in IR LED, and the max. illumination distance is 30 m.
- \cdot ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments.
- \cdot Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes.
- · Intelligent monitoring: Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human).
- \cdot Abnormality detection: Motion detection, video tampering, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection.
- · Supports max. 256 G Micro SD card; built in MIC.
- \cdot 12 VDC/PoE power supply.
- · IP67 protection.
- · SMD Plus.















Camera		
Image Sensor	1/2.7" CMOS	
Max. Resolution	3840 (H) × 2160 (V)	
ROM	128 MB	
RAM	256 MB	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual 1/3 s-1/100,000 s	
Min. Illumination	0.009 lux@F2.0 (Color, 30 IRE) 0.0009 lux@F2.0 (B/W, 30 IRE) 0 lux (Illuminator on)	
S/N Ratio	>56 dB	
Illumination Distance	30 m (98.43 ft) (IR)	
Illuminator On/Off Control	Auto; Manual	
Illuminator Number	1 (IR LED)	
Pan/Tilt/Rotation Range	Pan: 0°–360° Tilt: 0°–90° Rotation: 0°–360°	
Lens		
Lens Type	Fixed-focal	
Lens Mount	M12	
Focal Length	2.8 mm; 3.6 mm	
Max. Aperture	F2.0	

Field of View	2.8 mm: H: 106°; V: 56°; D: 125° 3.6 mm: H: 88°; V: 46°; D: 104°				
Iris Control	Fixed				
Close Focus Distance	2.8 mm: 1.3 m (4.27 ft) 3.6 mm: 1.9 m (6.23 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	88.0 m (288.71 ft)	35.2 m (115.49 ft)	17.6 m (57.74 ft)	8.8 m (28.87 ft)
	3.6 mm	106.7 m (350.07 ft)	42.7 m (140.09 ft)	21.3 m (69.88 ft)	10.7 m (35.10 ft)
Intelligence					
IVS (Perimeter Protection)	Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)				
Smart Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos				
Video					
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (Only supported by the sub stream)				
Smart Codec	Smart H.265+; Smart H.264+				
Video Frame Rate	Main stream: $3840 \times 2160@(1-20 \text{ fps})/2688 \times 1520@(1-25/30 \text{ fps})$ sub stream: $704 \times 576@(1-25 \text{ fps})/704 \times 480@(1-30 \text{ fps})$ *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.				
Stream Capability	2 streams				
Resolution	3840 × 2160 (3840 × 2160); 3072 × 2048 (3072 × 2048); 3072 × 1728 (3072 × 1728); 2880 × 1620 (2880 × 1620); 2688 × 1520				



KX-CAi8001SN-A

8MP IR Fixed-focal Bullet Network Camera

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Bit Rate Control Video Bit Rate H.264: 32 kbps-8192 kbps H.265: 12 kbps-8192 kbps Buy/Night Auto(ICR)/Color/B/W BLC Yes HLC Yes WDR 120 dB White Balance Gain Control Auto; Manual Noise Reduction OFF/ON (4 areas, rectangular) Region of Interest (Rol) Smart Illumination Image Rotation Mirror Yes Privacy Masking 4 areas Audio Built-in MIC Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Network Network Protocol Interoperability ONUIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone Lick Doman (STP); Mass Lick Dand (Support max. 256 GB); NAS IE Browser Chrome Firefox		$\begin{array}{l} (2688\times1520);3M(2048\times1536);2304\times1296(2304\times1296);\\ 1080p(1920\times1080);1.3M(1280\times960);720p(1280\times720);D1\\ (704\times576/704\times480);VGA(640\times480);CIF(352\times288/352\times240) \end{array}$			
Day/Night Auto(ICR)/Color/B/W BLC Yes HLC Yes WDR 120 dB White Balance Auto; natural; street lamp; outdoor; manual; regional custom Gain Control Auto; Manual Noise Reduction 3D NR Motion Detection Region of Interest (Rol) Smart Illumination Image Rotation Mirror Yes Privacy Masking 4 areas Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes Protocol Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser HLC Wes Nota Auto(ICR)/Color/B/W Bult-Interoperability Auto; personal protocol custom Profile (ICR)/Color/B/W Bult-Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS	Bit Rate Control	CBR/VBR			
BLC Yes HLC Yes WDR 120 dB White Balance Auto; natural; street lamp; outdoor; manual; regional custom Gain Control Auto; Manual Noise Reduction 3D NR Motion Detection Region of Interest (Rol) Smart Illumination Image Rotation Image Rotation O''90''/180''/270' (Support 90''/270' with 2688 × 1520 resolution and lower) Mirror Yes Privacy Masking 4 areas Audio Built-in MIC Yes Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes Network Protocol IPV4; IPV6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QOS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPOE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	Video Bit Rate	·			
HLC WDR 120 dB White Balance Auto; natural; street lamp; outdoor; manual; regional custom Gain Control Auto; Manual Noise Reduction Detection Region of Interest (Rol) Smart Illumination Image Rotation Mirror Yes Privacy Masking 4 areas Audio Built-in MIC Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes Network Protocol IPV4; IPV6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QOS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPOE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	Day/Night	Auto(ICR)/Color/B/W			
WDR 120 dB White Balance Auto; natural; street lamp; outdoor; manual; regional custom Gain Control Auto; Manual Noise Reduction 3D NR Motion Detection Region of Interest (Rol) Smart Illumination Image Rotation 0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower) Mirror Yes Privacy Masking 4 areas Audio Built-in MIC Yes Audio Compression G.711a; G.711Mu; PCM; G.726 Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	BLC	Yes			
White Balance Auto; natural; street lamp; outdoor; manual; regional custom Gain Control Auto; Manual Noise Reduction Detection Region of Interest (Rol) Smart Illumination Image Rotation O°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower) Mirror Yes Privacy Masking 4 areas Audio Built-in MIC Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability User/Host ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host User/Host EChrome	HLC	Yes			
Gain Control Noise Reduction Detection Region of Interest (Rol) Smart Illumination Image Rotation Mirror Yes Privacy Masking 4 areas Audio Built-in MIC Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict, illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Network Network Protocol Interoperability IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host Details Autor (Support max. 256 GB); NAS IE Browser Details Autor (Support max. 256 GB); NAS IE Browser OFF/ON (4 areas, rectangular) Yes Yes 100-100-100-100-100-100-100-100-100-10	WDR	120 dB			
Noise Reduction Motion Detection Region of Interest (Rol) Smart Illumination Image Rotation Mirror Yes Privacy Masking 4 areas Audio Built-in MIC Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port RI-45 (10/100 Base-T) SDK and API Network Protocol Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host LE Browser Network PT; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Protocol Interoperability OFF/ON (4 areas, rectangular) Yes Ves (Support 90°/270° with 2688 × 1520 resolution and lower) Yes A areas Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Pression Network Pression Network Profile G/Profile G/Profile T); CGI; P2P; Milestone User/Host Chrome	White Balance	Auto; natural; street lamp; outdoor; manual; regional custom			
Motion Detection Region of Interest (Rol) Smart Illumination Image Rotation O°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower) Mirror Yes Privacy Masking 4 areas Audio Built-in MIC Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	Gain Control	Auto; Manual			
Detection Region of Interest (RoI) Smart Illumination Image Rotation O°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower) Mirror Yes Privacy Masking 4 areas Audio Built-in MIC Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; lip conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Network Protocol Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	Noise Reduction	3D NR			
Interest (Rol) Smart Illumination Yes O°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower) Mirror Yes Privacy Masking 4 areas Audio Built-in MIC Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome		OFF/ON (4 areas, rectangular)			
Illumination Image Rotation O°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower) Mirror Yes Privacy Masking 4 areas Audio Built-in MIC Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict, illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port SDK and API Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host User/Host IE Browser Chrome	•	Yes (4 areas)			
Mirror Yes Privacy Masking 4 areas Audio Built-in MIC Yes Audio Compression G.711a; G.711Mu; PCM; G.726 Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS	oa. c	Yes			
Privacy Masking 4 areas Audio Built-in MIC Yes Audio Compression G.711a; G.711Mu; PCM; G.726 Alarm Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	Image Rotation	$0^{\circ}/90^{\circ}/180^{\circ}/270^{\circ}$ (Support $90^{\circ}/270^{\circ}$ with 2688 × 1520 resolution and lower)			
Audio Built-in MIC Yes Audio Compression G.711a; G.711Mu; PCM; G.726 Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS	Mirror	Yes			
Built-in MIC Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Network Port SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS	Privacy Masking	4 areas			
Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	Audio				
Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS	Built-in MIC	Yes			
Alarm Event No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS		G.711a; G.711Mu; PCM; G.726			
Alarm Event IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	Alarm				
Network Port SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	Alarm Event	IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD;			
SDK and API Yes Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	Network				
Network Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	Network Port	RJ-45 (10/100 Base-T)			
Protocol FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Boujour Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	SDK and API	Yes			
User/Host 20 (Total bandwidth: 48 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome		FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP;			
Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE Browser Chrome	Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone			
IE Browser Chrome	User/Host	20 (Total bandwidth: 48 M)			
Browser Chrome	Storage	FTP; SFTP; Micro SD card (support max. 256 GB); NAS			
	Browser	Chrome			

Management Software	KBView Plus, KBiVMS			
Mobile Client	iOS; Android			
Cyber Security	Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation and importing of X.509 certification			
Power				
Power Supply	12 VDC/PoE (802.3af)			
Power Consumption	Basic: 2.7 W (12 VDC); 3.4 W (PoE) Max. (H.265+ max. resolution + max. stream+ WDR + IR intensity + IVS): 4.5 W (12 VDC); 5.4 W (PoE)			
Environment				
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)			
Operating Humidity	≤95%			
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)			
Storage Humidity	≤95%			
Protection	IP67			
Structure				
Casing Material	Metal			
Product Dimensions	166.2 mm × 70 mm × 70 mm (6.54" × 2.76" × 2.76") (L × W × H)			
Net Weight	0.48 kg (1.06 lb)			
Gross Weight	0.59 kg (1.30 lb)			
Dimensions (mm	[inch])			

