KBVISION

KX-DAi4K81616EN3

16 Channels 3U 16HDD Network Video Recorder

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



- · Smart H.265+/H.265/Smart H.264+/H.264/MJPEG decoding format.
- \cdot 32-channel 1080p self-adaptive decoding capability.
- \cdot Max. 384 Mbps incoming/recording/outgoing bandwidth.
- · Support Raid0/1/5/6/10.
- \cdot AI by recorder: 2-channel face detection and recognition, 4-channel perimeter protection, and 8-channel SMD Plus.
- AI by camera: Face detection and recognition, perimeter protection, SMD Plus, metadata, ANPR, stereo analysis, heat map, and people counting.
 Security baseline 2.3.



System		Face Recognition	1. 16-channel FD (by camera) + FR (by recorder), image
Main Processor	Industrial-grade processor	Performance of AI by stream: 16 face images/s Recorder (Number of 2. 2-channe FD (by recorder) + FR (by recorder	stream: 16 face images/s 2. 2-channe FD (by recorder) + FR (by recorder), video
Operating System	Embedded Linux	Channels)	stream: 12 face images/s
Operating Interface	Web, Local GUI	Face Recognition	
AI		Performance of AI by Camera (Number of	16 channels
AI by Recorder	Face detection; face recognition; perimeter protection; SMD Plus	Channels)	
Al by Camera	Face detection; face recognition; video metadata (human, motor vehicles, and non-motor vehicles); perimeter protection; SMD Plus; stereo analysis; crowd distribution; people counting; ANPR; vehicle density; heat map	SMD Plus by Recorder	8 channels: Secondary filtering for human and motor vehicle , reducing false alarms caused by leaves, rain and lighting condition change
		SMD Plus by Camera	16 channels
Perimeter Protection		Video Metadata	
Perimeter Performance AI by Recorder (Number of Channels)	4 channels, 10 IVS rules for each channel	Metadata Performance of AI by Camera (Number of Channels)	8 channels
Perimeter Performance of AI by Camera	16 channels	Human Attributes	Top color, top type, bottom color, bottom type, hat, bag, age, gender and umbrella
(Number of Channels) Face Detection		Motor Vehicle Attributes	License plate, plate color, vehicle body, vehicle model, vehicle logo, calling, seatbelt, vehicle interior, vehicle registration location.
Face Attributes	Gender; age group; glasses; expressions; face mask; beard	Non-motor Vehicle Attributes	Vehicle model, vehicle color, number of persons, helmet.
Face Detection Performance of AI by Recorder (Number of Channels)	2 channels (up to 12 face images/s each channel)	Vehicle License Plate Comparison	
		ANPR by Camera (Number of Channels)	8 channels
Face Detection Performance of AI by Camera (Number of Channels)	16 channels	License Plate Database Capacity	 Create up to 20,000 plate numbers. Blocklist and allowlist
		Audio and Video	
Face Recognition		Access Channel	16
Face Database Capacity	Up to 20 face databases with 20,000 images, with a total capacity of 2.5 G. Name, gender, birthday, address, credential type, credential No., countries & regions and state can be added to each face image.	Network Bandwidth	AI disabled: 384 Mbps incoming, 384 Mbps recording and 384 Mbps outgoing AI enabled: 200 Mbps incoming, 200 Mbps recording and 200 Mbps outgoing

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Resolution	32 MP; 24 MP; 16 MP; 12 MP; 8 MP; 5 MP; 4 MP; 1080p; 720p; D1; CIF; QCIF			
Decoding Capability	Al disabled: 2-channel 32 MP@20 fps; 2-channel 24 MP@20 fps; 4- channel 16 MP@30 fps; 5-channel 12 MP@30 fps; 8- channel 8 MP@30 fps; 12-channel 5 MP@30 fps; 16- channel 4 MP@30 fps Al enabled: 1-channel 32 MP@20 fps; 1-channel 24 MP@20 fps; 2- channel 16 MP@30 fps; 4-channel 12 MP@30 fps; 4- channel 8 MP@30 fps; 8-channel 5 MP@30 fps; 12- channel 4 MP@30 fps			
Video Output	2-channel VGA, 2-channel HDMI video output. Heterogeneous video source output for HDMI1 and HDMI2 Simultaneous video source output for VGA1 and HDMI1 Simultaneous video source output for VGA2 and HDMI2 Supports 4K display			
Multi-screen Display	Main screen: 1/4/8/9/16 Sub screen: 1/4/8/9/16			
Third-party Camera Access	ONVIF; Panasonic; Sony; Axis; Arecont; Pelco; Canon; Samsung			
Compression Standard				
Video Compression	Smart H.265+; H.265; Smart H.264+; H.264; MJPEG			
Audio Compression	G.711a; G.711u; PCM; G726			
Network				
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4/IPv6; RTSP; UDP; SNMP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; PPPoE; FTP; DDNS; Alarm Server; IP Search (Supports KBVISION IP camera,			
	DVR, NVS, etc.); Multicast; P2P; Auto Registration			
Mobile Phone Access	DVR, NVS, etc.); Multicast; P2P; Auto Registration iOS; Android			
Mobile Phone Access Interoperability				
	iOS; Android			
Interoperability	iOS; Android ONVIF 21.12(Profile T; Profile S; Profile G); CGI; SDK Chrome IE 9 or later			
Interoperability Browser	iOS; Android ONVIF 21.12(Profile T; Profile S; Profile G); CGI; SDK Chrome IE 9 or later Firefox Multi-address mode, load balance, fault tolerance and			
Interoperability Browser Network Mode	iOS; Android ONVIF 21.12(Profile T; Profile S; Profile G); CGI; SDK Chrome IE 9 or later Firefox Multi-address mode, load balance, fault tolerance and			
Interoperability Browser Network Mode Recording Playback	iOS; Android ONVIF 21.12(Profile T; Profile S; Profile G); CGI; SDK Chrome IE 9 or later Firefox Multi-address mode, load balance, fault tolerance and other network port binding modes			
Interoperability Browser Network Mode Recording Playback Multi-channel Playback	iOS; Android ONVIF 21.12(Profile T; Profile S; Profile G); CGI; SDK Chrome IE 9 or later Firefox Multi-address mode, load balance, fault tolerance and other network port binding modes Up to 16 channels			
Interoperability Browser Network Mode Recording Playback Multi-channel Playback Record Mode	iOS; Android ONVIF 21.12(Profile T; Profile S; Profile G); CGI; SDK Chrome IE 9 or later Firefox Multi-address mode, load balance, fault tolerance and other network port binding modes Up to 16 channels General, motion detection; intelligent; alarm; POS			
Interoperability Browser Network Mode Recording Playback Multi-channel Playback Record Mode Backup Method	iOS; Android ONVIF 21.12(Profile T; Profile S; Profile G); CGI; SDK Chrome IE 9 or later Firefox Multi-address mode, load balance, fault tolerance and other network port binding modes Up to 16 channels General, motion detection; intelligent; alarm; POS USB device and network Instant playback, general playback, event playback, tag			
Interoperability Interoperability Browser Network Mode Recording Playback Multi-channel Playback Record Mode Backup Method Playback Mode	iOS; Android ONVIF 21.12(Profile T; Profile S; Profile G); CGI; SDK Chrome IE 9 or later Firefox Multi-address mode, load balance, fault tolerance and other network port binding modes Up to 16 channels General, motion detection; intelligent; alarm; POS USB device and network Instant playback, general playback, event playback, tag			
Interoperability Interoperability Browser Network Mode Recording Playback Multi-channel Playback Record Mode Backup Method Playback Mode Storage	iOS; Android ONVIF 21.12(Profile T; Profile S; Profile G); CGI; SDK Chrome IE 9 or later Firefox Multi-address mode, load balance, fault tolerance and other network port binding modes Up to 16 channels General, motion detection; intelligent; alarm; POS USB device and network Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection)			

AlarmGeneral AlarmMotion detection; privacy masking; local alarmAnomaly AlarmCamera offline; storage error; disk full; IP conflict; MAC conflict; login lock; abnormal behavior of fan; cybersecurity exceptionIntelligent AlarmRace detection; perimeter protection; face recognition; vehicles); SMD Plus; stereo analysis; crowd distribution; people counting; ANPR; vehicle density, heat mapAlarm LinkageRecord; snapshot (panoramic); local alarm output; IPC external alarm output; access controller; audio; buzzer; log, preset; emailPort1-channel RCAAudio Input1-channel RCAAudio Output2-channel RCAAlarm Linkage16 channelsAlarm Output8 channels (1-channel 12 V 1 A output)HDD Interface2 (1 port for half-duplex serial communication, 1 port for full-duplex serial communication, 1 port full-duplex serial communication, 1 port for full-duplex seri	Hot Swapping	YES			
Anomaly AlarmCamera offline; storage error; disk full; P conflict; MAC conflict; login lock; abnormal behavior of fan; cybersecurity exceptionIntelligent AlarmFace detection; perimeter protection; face recognition; video metadata (human, motor vehicles, and non-motor vehicles); SMD Plus; stereo analysis; crowd distribution; people counting; ANPR; vehicle density; heat mapAlarm LinkageRecord; snapshot (panoramic); local alarm output; IPC external alarm output; access controller; audio; buzzer; login preset; emailPort1-channel RCAAudio Output1-channel RCAAudio Output8 channels (1-channel 12 V 1 A output)Alarm Output8 channels (1-channel 12 V 1 A output)HDD Interface16 SATA ports, up to 16 TB. The maximum HDD capacity varies with environment temperature.eSATA1RS-2321RS-4852 (1 port for half-duplex serial communication, 1 port for full-duplex serial communication)USB4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)HDMI2VGA2Network Port2 (10/100/1000 Mbps Ethernet port, RJ-45)Operating Temperatur58.0 mm × 508.5 mm x 133.2mm (19.09" × 20.02" × 5.24") (W × D × H)Product Dimensions48.5.0 mm × 508.5 mm x 133.2mm (19.09" × 23.19" × 11.42")(W × D × H)Operating Temperatur-00 °C to +60 °C (-4 °F to +131 °F)Storage Temperatur-00 °C to +50 °C (14 °F to +131 °F)Operating Temperatur-20 °C to +60 °C (-4 °F to +140 °F)Operating Humidity10%-93% (RH)	Alarm				
Anomaly Alarmconflict; login lock; abnormal behavior of fan; cybersecurity exceptionIntelligent AlarmFace detection; perimeter protection; face recognition; vehicles); SMD Plus; stereo analysis; crowd distribution; people counting; ANPR; vehicle density; heat mapAlarm LinkageRecord; snapshot (panoramic); local alarm output; IPC external alarm output; access controller; audio; buzzer; jog, preset; emailAudio InputI-channel RCAAudio Output2-channel RCAAlarm Output2-channel RCAAlarm Output8 channels (1-channel 12 V 1 A output)HDD Interface16 SATA ports, up to 16 TB. The maximum HDD capacity varies with environment temperature.RS-3231RS-48521 (1 port for half-duplex serial communication, 1 port for full-duplex serial communication)USB4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)HDMI2Ordener2Power Supply10-240 VAC, 50-60 HzPower Consumption15 kg (25.35 lb)Gross Weight1.5 kg (25.35 lb)Gross Weight6.4 kg (36.16 lb)Product Dimensions\$\$5.0 mm × 508.5 mm x 133.2mm (19.09" × 20.02" × 5.24") (W × D × H)Porating Temperatur-0° (C to +5° C (14 "F to +131 "F)Operating Temperatur-0° (C to +6° C (-4 "F to +140 "F)Operating Humidity10%-93% (RH)	General Alarm	Motion detection; privacy masking; local alarm			
Intelligent Alarmvideo metadata (human, motor vehicles, and non-motor vehicles); SMD Plus; stereo analysis; crowd distribution; people counting; ANPR; vehicle density; heat mapAlarm LinkageRecord; snapshot (panoramic); local alarm output; IPC external alarm output; access controller; audio; buzzer; log, preset; email Pot 1-channel RCAAudio Input1-channel RCAAlarm Input6 channelsAlarm Output2-channel RCAAlarm Output8 channels (1-channel 12 V 1 A output)HDD Interface16 SATA ports, up to 16 TB. The maximum HDD capacity varies with environment temperature.eSATA1R5-2321R5-485(1 port for half-duplex serial communication, 1 port for full-duplex serial communication)USB4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)HDMI2Yower Norpoly100-240 VAC, 50-60 HzPower Supply100-240 VAC, 50-60 HzPower Supply10-240 VAC, 50-60 HzPower Consumption15 kg (25.35 lb)Net Weight1.5 kg (25.35 lb)Gross Weight1.6.4 kg (36.16 lb)Product Dimensions\$2.4" (W×D × H)Operating Temperature-10°C to +55°C (14 °F to +131 °F)Storage Temperature-20°C to +60°C (-4 °F to +140 °F)Operating Humidity-00°C to +60°C (-4 °F to +140 °F)	Anomaly Alarm	conflict; login lock; abnormal behavior of fan;			
Alarm Linkageexternal alarm output; access controller; audio; buzzer; log, preset; emailPotAudio Input1-channel RCAAudio Output2-channel RCAAlarm Input16 channelsAlarm Output8 channels (1-channel 12 V 1 A output)HDD Interface16 SATA ports, up to 16 TB.The maximum HDD capacity varies with environment temperature.eSATA1RS-2321RS-4852 (1 port for half-duplex serial communication, 1 port for full-duplex serial communication)USB4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)HDMI2VGA2Network Port2 (10/01/000 Mbps Ethernet port, RJ-45)Power Supply100-240 VAC, 50-60 H2Power ConsumptionTotal output of NVR is ≤ 15 W (without HDD)Net Weight1.5 kg (25.35 lb)Gross Weight64.9 (36.16 lb)Product Dimensions26.9 (21 "W × D × H)Packaging Dimensions61.9 cum × 588.0 mm × 290.0 mm (24.37" × 23.19" × 1.42")(W × D × H)Operating Temperature-20 °C to +60 °C (-4 °F to +131 °F)Orange Temperature-20 °C to +60 °C (-4 °F to +140 °F)Orange Temperature-20 °C to +60 °C (-4 °F to +140 °F)Orange Temperature-20 °C to +60 °C (-4 °F to +140 °F)	Intelligent Alarm	video metadata (human, motor vehicles, and non-motor vehicles); SMD Plus; stereo analysis; crowd distribution;			
Audio Input1-channel RCAAudio Output2-channel RCAAlarm Input16 channelsAlarm Output8 channels (1-channel 12 V 1 A output)HDD Interface16 SATA ports, up to 16 TB.The maximum HDD capacity varies with environment temperature.eSATA1RS-2321RS-4852 (1 port for half-duplex serial communication, 1 port for full-duplex serial communication, 1 port for	Alarm Linkage	external alarm output; access controller; audio; buzzer;			
Audio Output2-channel RCAAlarm Input16 channelsAlarm Output8 channels (1-channel 12 V 1 A output)HDD Interface16 SATA ports, up to 16 TB.The maximum HDD capacity varies with environment temperature.eSATA1RS-2321RS-4852 (1 port for half-duplex serial communication, 1 port for full-duplex serial communication)USB4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)HDMI2VGA2Network Port2 (10/100/1000 Mbps Ethernet port, RJ-45)Power Supply100-240 VAC, 50-60 HzPower ConsumptionTotal output of NVR is < 15 W (without HDD)	Port				
Alarm Input16 channelsAlarm Output8 channels (1-channel 12 V 1 A output)HDD Interface16 SATA ports, up to 16 TB.The maximum HDD capacity varies with environment temperature.eSATA1RS-2321RS-4852 (1 port for half-duplex serial communication, 1 port for full-duplex serial communication)USB4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)HDMI2VGA2Network Port2 (10/100/1000 Mbps Ethernet port, RJ-45)Power Supply100-240 VAC, 50-60 HzPower ConsumptionTotal output of NVR is ≤ 15 W (without HDD)Net Weight11.5 kg (25.35 lb)Product Dimensions\$85.0 mm × 508.5 mm x 133.2mm (19.09" × 20.02" × 5.24") (W × D × H)Poreating Temperature-10 °C to +55 °C (14 °F to +131 °F)Storage Temperature-20 °C to +60 °C (-4 °F to +140 °F)Operating Humidity100-93% (RH)	Audio Input	1-channel RCA			
Alarm OutputB channels (1-channel 12 V 1 A output)Alarm Output8 channels (1-channel 12 V 1 A output)HDD Interfacel6 SATA ports, up to 16 TB.The maximum HDD capacity varies with environment temperature.eSATA1RS-2321RS-4852 (1 port for half-duplex serial communication, 1 port for full-duplex serial communication)USB4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)HDMI2VGA2 (10/100/1000 Mbps Ethernet port, RJ-45)Metwork Port2 (10/100/1000 Mbps Ethernet port, RJ-45)Power Supply100-240 VAC, 50-60 HzPower ConsumptionTotal output of NVR is ≤ 15 W (without HDD)Net Weight11.5 kg (25.35 lb)Gross Weight64.4 kg (36.16 lb)Product Dimensions\$2.4" (W × D × H)Packaging Dimensions619.0 mm × 589.0 mm × 290.0 mm (24.37" × 23.19" × 1.42" (W × D × H)Operating Temperature-00 °C to +60 °C (-4 °F to +131 °F)Storage Temperature-20 °C to +60 °C (-4 °F to +140 °F)Operating Humidity10%-93% (RH)	Audio Output	2-channel RCA			
HDD Interface16 SATA ports, up to 16 TB. The maximum HDD capacity varies with environment temperature.eSATA1RS-2321RS-4852 (1 port for half-duplex serial communication, 1 port for full-duplex serial communication)USB4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)HDMI2VGA2Network Port2 (10/100/1000 Mbps Ethernet port, RJ-45) General 2Power Supply100-240 VAC, 50-60 HzPower ConsumptionTotal output of NVR is ≤ 15 W (without HDD)Net Weight11.5 kg (25.35 lb)Gross Weight64.4 kg (36.16 lb)Product Dimensions\$1.9.0 mm × 589.0 mm × 133.2mm (19.09" × 20.02" × 5.24") (W × D × H)Operating Temperature-00 °C to +65 °C (14 °F to +131 °F)Storage Temperature-20 °C to +60 °C (-4 °F to +140 °F)Operating Humidity10%-93% (RH)	Alarm Input	16 channels			
HDD Interfacevaries with environment temperature.eSATA1RS-2321RS-4852 (1 port for half-duplex serial communication, 1 port for full-duplex serial communication)USB4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)HDMI2VGA2Network Port2 (10/100/1000 Mbps Ethernet port, RI-45)General2Power Supply100-240 VAC, 50-60 HzPower ConsumptionTotal output of NVR is ≤ 15 W (without HDD)Net Weight1.5 kg (25.35 lb)Gross Weight16.4 kg (36.16 lb)Product Dimensions $$2.4"$ (W ×D × H)Operating Temperature-20 °C to +60 °C (-4 °F to +131 °F)Storage Temperature-20 °C to +60 °C (-4 °F to +140 °F)Operating Humidity10%-93% (RH)	Alarm Output	8 channels (1-channel 12 V 1 A output)			
RS-232 1 RS-232 2 (1 port for half-duplex serial communication, 1 port for half-duplex serial communication) RS-485 2 (1 port for half-duplex serial communication) USB 4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports) HDMI 2 VGA 2 (10/1000 Mbps Ethernet port, RJ-45) Network Port 2 (10/1000 Mbps Ethernet port, RJ-45) Power Supply 100-240 VAC, 50-60 Hz Power Consumption Total output of NVR is ≤ 15 W (without HDD) Net Weight 11.5 kg (25.35 lb) Gross Weight 16.4 kg (36.16 lb) Product Dimensions \$\$2.0 mm × 508.5 mm × 133.2mm (19.09" × 20.02" × 5.24") (W × D × H) Packaging Dimensions \$19.0 mm × 589.0 mm × 290.0 mm (24.37" × 23.19" × 1.42") (W × D × H) Operating Temperature -00 °C to +60 °C (-4 °F to +131 °F) Storage Temperature -00 °C to +60 °C (-4 °F to +140 °F) Operating Humidity 10%–93% (RH)	HDD Interface				
RS-485Clapt for half-duplex serial communication)RS-4852USB4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)HDMI2VGA2Network Port2 (10/100/1000 Mbps Ethernet port, RJ-45)Beneral2Power Supply100-240 VAC, 50-60 HzPower ConsumptionTotal output of NVR is < 15 W (without HDDD)	eSATA	1			
RS-485full-duplex serial communication)USB4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)HDMI2VGA2Network Port2 (10/100/1000 Mbps Ethernet port, RJ-45)GeneralPower Supply100-240 VAC, 50-60 HzPower ConsumptionTotal output of NVR is ≤ 15 W (without HDD)Net Weight11.5 kg (25.35 lb)Gross Weight16.4 kg (36.16 lb)Product Dimensions\$85.0 mm × 508.5 mm x 133.2mm (19.09" × 20.02" × 2.24") (W × D × H)Packaging Dimensions-10 °C to +55 °C (14 °F to +131 °F)Storage Temperature-20 °C to +60 °C (-4 °F to +140 °F)Operating Humidity10%-93% (RH)	RS-232	1			
HDMI2VGA2Network Port2(10/100/1000 Mbps Ethernet port, RJ-45)GeneralPower Supply100-240 VAC, 50-60 HzPower ConsumptionTotal output of NVR is < 15 W (without HDD)	RS-485				
VGA 2 Network Port (10/1000 Mbps Ethernet port, RJ-45) General Power Supply 100-240 VAC, 50-60 Hz Power Consumption Total output of NVR is < 15 W (without HDD)	USB	4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)			
Network Port 2(10/100/1000 Mbps Ethernet port, RJ-45) General Image: Construct of the state of	HDMI	2			
General Instruction of the second secon	VGA	2			
Power Supply 100-240 VAC, 50-60 Hz Power Consumption Total output of NVR is ≤ 15 W (without HDD) Net Weight 11.5 kg (25.35 lb) Gross Weight 16.4 kg (36.16 lb) Product Dimensions 485.0 mm × 508.5 mm x 133.2mm (19.09" × 20.02" × 5.24") (W × D × H) Packaging Dimensions 619.0 mm × 589.0 mm × 290.0 mm (24.37" × 23.19" × 11.42")(W × D × H) Operating Temperature -10 °C to +55 °C (14 °F to +131 °F) Storage Temperature -20 °C to +60 °C (-4 °F to +140 °F) Operating Humidity 10%-93% (RH)	Network Port	2(10/100/1000 Mbps Ethernet port, RJ-45)			
Power Consumption Total output of NVR is \leq 15 W (without HDD) Net Weight 11.5 kg (25.35 lb) Gross Weight 16.4 kg (36.16 lb) Product Dimensions $485.0 \text{ mm} \times 508.5 \text{ mm} \times 133.2 \text{ mm} (19.09" \times 20.02" \times 5.24") (W \times D \times H)$ Packaging Dimensions $619.0 \text{ mm} \times 589.0 \text{ mm} \times 290.0 \text{ mm} (24.37" \times 23.19" \times 11.42") (W \times D \times H)$ Operating Temperature $-10 ^\circ C ext{ to } +55 ^\circ C (14 ^\circ F ext{ to } +131 ^\circ F)$ Storage Temperature $-20 ^\circ C ext{ to } +60 ^\circ C (-4 ^\circ F ext{ to } +140 ^\circ F)$ Operating Humidity 10%–93% (RH)	General				
Net Weight 11.5 kg (25.35 lb) Gross Weight 16.4 kg (36.16 lb) Product Dimensions 485.0 mm × 508.5 mm × 133.2mm (19.09" × 20.02" × 5.24") (W ×D × H) Packaging Dimensions 619.0 mm × 589.0 mm × 290.0 mm (24.37" × 23.19" × 11.42")(W × D × H) Operating Temperature -10 °C to +55 °C (14 °F to +131 °F) Storage Temperature -20 °C to +60 °C (-4 °F to +140 °F) Operating Humidity 10%–93% (RH)	Power Supply	100–240 VAC, 50-60 Hz			
Gross Weight 16.4 kg (36.16 lb) Product Dimensions 485.0 mm × 508.5 mm x 133.2mm (19.09" × 20.02" × 5.24") (W ×D × H) Packaging Dimensions 619.0 mm × 589.0 mm × 290.0 mm (24.37" × 23.19" × 1.42") (W × D × H) Operating Temperature -10 °C to +55 °C (14 °F to +131 °F) Storage Temperature -20 °C to +60 °C (-4 °F to +140 °F) Operating Humidity 10%–93% (RH)	Power Consumption	Total output of NVR is \leq 15 W (without HDD)			
Product Dimensions485.0 mm × 508.5 mm × 133.2mm (19.09" × 20.02" × 5.24") (W ×D × H)Packaging Dimensions619.0 mm × 589.0 mm × 290.0 mm (24.37" × 23.19" × 11.42")(W × D × H)Operating Temperature-10 °C to +55 °C (14 °F to +131 °F)Storage Temperature-20 °C to +60 °C (-4 °F to +140 °F)Operating Humidity10%-93% (RH)	Net Weight	11.5 kg (25.35 lb)			
Product Dimensions $5.24"$) (W ×D × H)Packaging Dimensions $619.0 \text{ mm} \times 589.0 \text{ mm} \times 290.0 \text{ mm} (24.37" \times 23.19" \times 11.42")(W × D × H)$ Operating Temperature $-10 ^{\circ}\text{C}$ to $+55 ^{\circ}\text{C}$ (14 $^{\circ}\text{F}$ to $+131 ^{\circ}\text{F}$)Storage Temperature $-20 ^{\circ}\text{C}$ to $+60 ^{\circ}\text{C}$ ($-4 ^{\circ}\text{F}$ to $+140 ^{\circ}\text{F}$)Operating Humidity 10% –93% (RH)	Gross Weight	16.4 kg (36.16 lb)			
Packaging Dimensions11.42")(W × D × H)Operating Temperature-10 °C to +55 °C (14 °F to +131 °F)Storage Temperature-20 °C to +60 °C (-4 °F to +140 °F)Operating Humidity10%–93% (RH)	Product Dimensions				
Storage Temperature-20 °C to +60 °C (-4 °F to +140 °F)Operating Humidity10%–93% (RH)	Packaging Dimensions				
Operating Humidity 10%–93% (RH)	Operating Temperature	-10 °C to +55 °C (14 °F to +131 °F)			
	Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)			
Installation Rack or desktop	Operating Humidity	10%–93% (RH)			
	Installation	Rack or desktop			