Network Video Recorder

NVR301-B-IQ Series

Features

- Support Ultra 265/H.265/H.264 video formats
- Support 4/8/16-channel input
- Support HDMI and VGA simultaneous output
- Support up to 12 Megapixels resolution recording
- Support ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

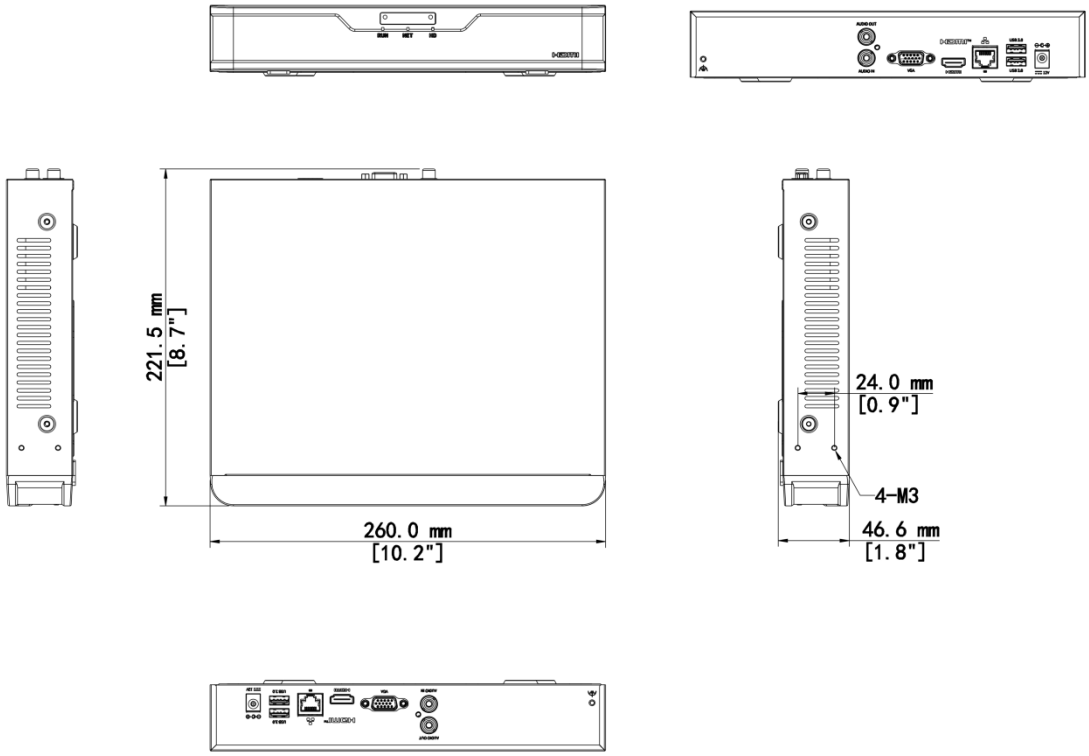
Specifications

Model	NVR301-04B-IQ	NVR301-08B-IQ	NVR301-16B-IQ
Decoding			
Decoding Format	Ultra 265,H.265,H.264		
Decoding Capability	Smart Off：2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30 Smart On：2 x 4K@30, 4 x 4MP@30	Smart Off：2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30 Smart On：2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30	Smart Off：2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 10 x 1080P@30, 16 x 720P@30 Smart On：2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30
Decoding Capability Description	The resolution of each channel cannot exceed 8192 pixels in length and 4096 pixels in width		
Audio Compression	G.711A, G.711U		
Network			
Incoming Bandwidth	80 Mbps		
Outgoing Bandwidth	80 Mbps		
Max Remote Users	128		
Protocols	TCP/IP, P2P, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP, IPv6, IPv4, 802.1x, UPnP		
Browser (Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+		
Video/Audio Input			
IP Video Input	4-ch	8-ch	16-ch
RCA Audio Input	1-ch		
Peripheral Input			
Ip Speaker	32-ch		
POS	All channels		
Video/Audio Output			
HDMI Output	4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz		
VGA Output	1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz		
RCA Audio Output	1-ch		
Liveview Display	1/4/6/8/9	1/4/6/8/9/16	1/4/6/8/9/16
Corridor Mode Screen	3/4	3/4/5/7/9/10	3/4/5/7/9/10/12/16
Two-way Audio			
Two-way Audio	1-ch,RCA(Using the audio input and output)		
Snapshot			
FTP/Schedule/Event Snapshot	4-ch snapshot (max. D1 (720 × 576) video resolution, with D1 snapshot resolution)		
Recording			
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF		
Num of Concurrent Playback	16-ch		

Smart Function			
Smart by IPC	All channels (up to 8 images/s in total) Face Detection, Face Comparison, Vehicle Detection (LPR), SIP, UMD, Traffic Monitoring		
Smart by NVR	Face Detection, Face Comparison, Smart Intrusion Prevention (SIP), Ultra Motion Detection (UMD)		
Smart by NVR Analyzer Mode	Single Mode (Face Recognition), Single Mode (SIP), Single Mode (UMD), Single Mode (AcuSearch/AcuTrack), Modes cannot active simultaneously, only one mode can active at a time.		
VCA Search	AcuSearch, AcuTrack, Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map		
AcuSearch			
Acu Search Performance	All channels with UNV SIP/UMD Camera		
AcuTrack			
Acu Track Performance	All channels with UNV SIP/UMD Camera		
face detection			
face detection by NVR	Up to 4-ch with UNV Face Detection Camera|Up to 1-ch with normal camera (UNV and Third-part brand, 1-ch 2MP)	Up to 8-ch with UNV Face Detection Camera|Up to 1-ch with normal camera (UNV and Third-part brand, 1-ch 2MP)	Up to 8-ch with UNV Face Detection Camera|Up to 1-ch with normal camera (UNV and Third-part brand, 1-ch 2MP)
Search by Image	Support		
Plate Comparison			
Vehicle Number Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total		
SIP			
SIP by NVR with normal cameras	Up to 2-ch with normal camera (UNV and Third-part brand, 2-ch 2MP, 1-ch 4MP)		
UMD			
UMD by NVR with normal cameras	Up to 4-ch with normal camera (UNV and Third-part brand, 4-ch 2MP, 2-ch 4MP, 1-ch 4K)		
Alarm			
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection		
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal		
GUI Language			
GUI Language	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian		
Hard Disk			
SATA	1 SATA Interfaces		
Capacity	Up to 24 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size, The environment temperature for use should not exceed 40°C.)		

External Interface			
Network Interface	1 RJ45 10 M/100 M self-adaptive Ethernet Interface		
USB	Rear panel: 1 × USB2.0, 1 × USB3.0		
RS485	N/A		
RS232	N/A		
Alarm In	N/A		
Alarm Out	N/A		
Power Supply	DC 12 V/2 A		
Power Switch	N/A		
Working Environment			
Working Temperature	-10 ℃ ~ + 55 ℃ (+14 ℉ ~ +131 ℉)		
Working Humidity	≤ 90% RH (non-condensing)		
Power Consumption (without HDD)	≤ 12W		
Dimensions			
Weight (without HDD)	≤ 2Kg (4.4lb)	≤ 2Kg (4.4lb)	0.8kg
Height	1U		
Dimensions	260mm × 222mm × 47mm (10.2"×8.7"×1.8")		
Certification			
Certification	CE; FCC; UL; RoHS; WEEE		
FCC	Part15 Subpart B		
Compliance			
NDAA Compliant	Support		

Dimensions



Accessories

RM-1U-260 Mount Angle Components,Sheetmatel		

Unlimited New View

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