Network Video Recorder

NVR301-B-IQ Series

Features

- Support Ultra 265/H.265/H.264 video formats

- 4/8/16-channel input

- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols

- Support HDMI and VGA simultaneous output

- Up to 12 Megapixels resolution recording

- ANR technology to enhance the storage reliability when the network is disconnected

- Support cloud upgrade

Specifications

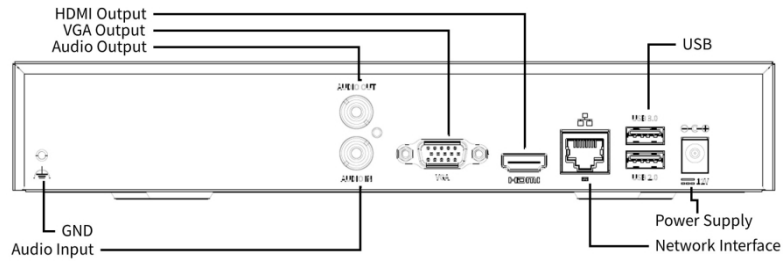| Model	NVR301-04B-IQ	NVR301-08B-IQ	NVR301-16B-IQ
Decoding	Description		
Decoding Format	Ultra 265,H.265,H.264		
Decoding Capability	Smart Off：2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30 Smart On：2 x 4K@30, 4 x 4MP@30		
Decoding Ca	The resolution of each channel		

pability Description	cannot exceed 8192 pixels in length and 4096 pixels in width		
Audio Compression	G.711A, G.711U		
Network	**Description**		
Incoming Bandwidth	80 Mbps		
Outgoing Bandwidth	80 Mbps		
Remote Users	128		
Protocols	TCP/IP|P2P|NTP|DHCP|PPPoE|HTTP|HTTPS|DNS|DDNS|SNMP|SMTP|RTSP| IPv6|IPv4		
Browser(Plugin)	Windows: IE (IE10/ 11), Firefox (version 52.0 and above), Chrome (version 45 and above), Edge (version 79 and above)		
Video/Audio Input	**Description**		
IP Video Input	4-ch		
RCA Audio Input	1-ch		
Video/Audio Output	**Description**		
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 Dis	1/4/6/8/9		

play			
Corridor Mode Screen	3/4		
Two-way Audio	**Description**		
Two-way Audio	1-ch,RCA(Using the audio input and output)		
Snapshot	**Description**		
FTP/Schedule/Event Snapshot	4-ch snapshot,up to D1 resolution		
Recording	**Description**		
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	**Description**		
VCA Detection by IPC	Face Detection|Face Comparison|Vehicle Detection|SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area)|Ultra Motion Detection (UMD)|People Counting (People Flow Counting, Crowd Density Monitoring)|Traffic Monitoring		
Smart by NVR	Face Detection|Face Comparison|Smart Intrusion Prevention (SIP)|Ultra Motion Detection (UMD)		
VCA Search	Face Snapshot Search|Face Comparison Search|Motor Vehicle Search|Non-Motor Vehicle Search|Human Body Search|General Search|People Counting Report|Heat Map|AcuSearch		
Smart by IP	All channels (up to 8 images/s in total)Face Detection,Face		

C	Comparison,Vehicle Detection,SIP,UMD,Traffic Monitoring		
Search by I mage	Support		
Vehicle Pictu re Library	Up to 5 vehicle picture libraries,with up to 25,000 vehicle pictures in total		
SIP by NVR	2-ch		
UMD by NV R	4-ch		
Alarm	**Description**		
General Alar m	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 Langua ge	**Description**		
GUI Langua ge	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	**Description**		

SATA	1 SATA Interfaces		
Capacity	Up to 10 TB for each HDD (The maximum HDD capacity varies with environment temperature)		5
External Interface	**Description**		
Network Interface	1 RJ45 10M/100M 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	**Description**		
Working Temperature	-10 ℃ ~ + 55 ℃ (+14 ℉ ~ +131 ℉)		
Working Humidity	≤ 90% RH (non-condensing)		
Power Consumption (without HDD)	≤ 12W		
Dimensions	**Description**		
Weight (without HDD)	≤ 2Kg (4.4lb)		
Height	1U		
Dimensions	260mm × 222mm × 47mm (10.2"×8.7"×1.8")		
Certification	**Description**		
Certification	CE; FCC; UL; RoHS; WEEE		

FCC	Part15 Subpart B		

Dimensions

Accessories

RM-1U-260

1 HDD 1U NVR Rack Mount

Rear Panel

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