

Network Video Recorder

NVR302-B-IQ Series



Features

- Support Ultra H.265/H.265/H.264 video formats
- 9/16/32-channel input
- Supports mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 1-ch HDMI, 1-ch VGA. HDMI up to 4K (3840x2160) resolution
- 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	NVR302-09B-IQ	NVR302-16B-IQ	NVR302-32B-IQ	
Decoding				
Decoding Format	Ultra 265,H.265,H.264			

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Decoding Capability	Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 9 x 1080P@30 Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 9 x 720P@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	Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 10 x 1080P@30, 20 x 720P@30, 32 x D1 Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30, 32 x D1
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	Network		
Incoming Bandwidth	160 Mbps		
Outgoing Bandwidth	128Mbps		
Remote Users	128		
Protocols	TCP/IP, P2P, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP, IPv6, IPv4		
Browser(Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+		
Video/Audio Input			
IP Video Input	9-ch	16-ch	32-ch
RCA Audio Input	1-ch		
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	1/4/6/8/9/16/25/32
Corridor Mode Screen	3/4/5/7/9	3/4/5/7/9/10/12/16	3/4/5/7/9/10/12/16/32
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				
Synchronous Playback in Local	9-ch	16-ch	16-ch		
Smart					
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 IPC	All channels (up to 8 images/s in total)Face Detection, Face Comparison, Vehicle Detection, SIP, UMD, Traffic Monitoring				
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total				
SIP by NVR	2-ch				
UMD by NVR	4-ch	4-ch			
Alarm	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	2 SATA Interfaces				
Capacity	Up to 10 TB for each HDD (The maximum HDD capacity varies with environment temperature)				
External Interface					
Network Interface	2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface				
USB	Front panel: 1 × USB2.0, Rear panel: 1 × USB2.0, 1 × USB3.0				
RS485	N/A				

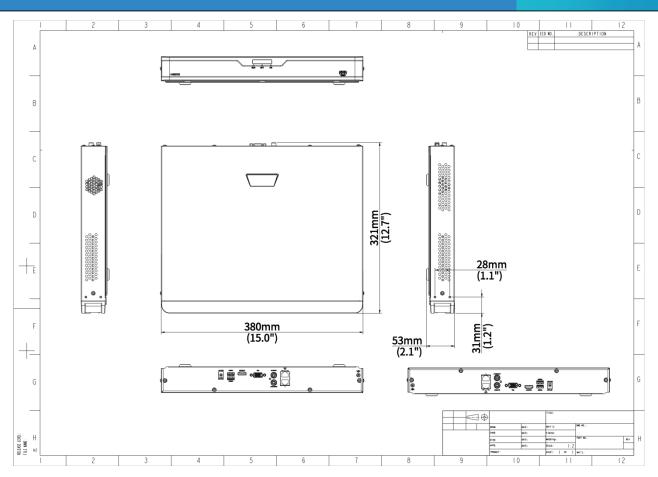


RS232	N/A		
Alarm In	N/A		
Alarm Out	N/A		
Power Supply	DC 12 V/3 A		
Working Environment			
Working Temperature	-10 °C ~ + 55 °C (+14 °F ~ +131 °F)		
Working Humidity	≤ 90% RH (non-condensing)		
Power Consumption (without HDD)	≤ 12W		
Dimensions	Dimensions		
Weight (without HDD)	≤ 2Kg (4.4lb)		
Dimensions	380mm × 315mm × 53mm (15.0"×12.4"×2.1")		
Certification			
Certification	CE; FCC; UL; RoHS; WEEE		
СЕ	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035		
FCC	Part15 Subpart B		

Dimensions

Aggregate product size diagram using "main model" as an example





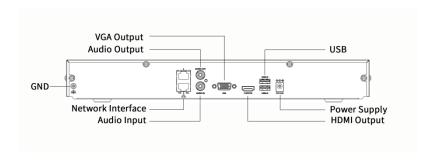
Accessories

RM-1U-380

2 HDD 1U NVR Rack Mount



Rear Panel





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