

## Network Video Recorder

## NVR304-B-IQ Series



### **Features**

- Support Ultra H.265/H.265/H.264 video formats
- 16/32 channel input
- Supports mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- O 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	NVR304-16B-IQ	NVR304-32B-IQ	
Decoding			
Decoding Format	Ultra 265,H.265,H.264		
	Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 10	Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 10	
Decoding	x 1080P@30, 16 x 720P@30	x 1080P@30, 20 x 720P@30, 32 x D1	
Capability	Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 16	Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 16	
	x 720P@30	x 720P@30, 32 x D1	
Decoding			
Capability	The resolution of each channel cannot exceed 8192 pixels in length and 4096 pixels in width		
Description			
Audio	G.711A, G.711U		
Compression	0.711A, 0.7110		
Network			

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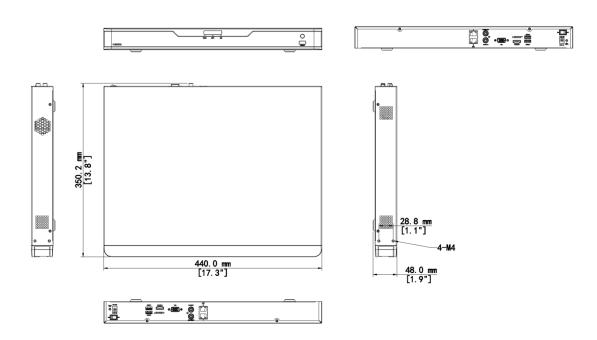
# DATASHEET

UIIV		
Incoming Bandwidth	160 Mbps	
Outgoing Bandwidth	128Mbps	
Remote Users	128	
Protocols	TCP/IP, P2P, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DD	NS, SNMP, SMTP, RTSP, 802.1x, IPv6, IPv4
Browser (Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+	
Video/Audio Input		
IP Video Input	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	1/4/6/8/9/16	1/4/6/8/9/16/25/32
Corridor Mode Screen	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/Eve	4-ch snapshot (max. D1 (720 × 576) video resolution, with D1 snapshot resolution)	
nt Snapshot		
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	16-ch	
Smart		
VCA Detection by	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	
Alarm		

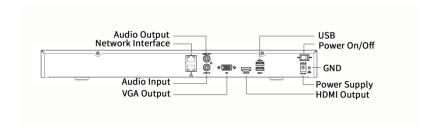
unv	DATASHEET	
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection	
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, 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	4 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/5 A	
Working Environme	nt	
Working Temperature	-10 °C ~ + 55 °C (+14 °F ~ +131 °F)	
Working Humidity	≤ 90% RH (non-condensing)	
Power Consumption (without HDD)	≤ 12W	
Dimensions		
Weight (without HDD)	≤ 3.4Kg (7.5lb)	
Dimensions	440mm × 350mm × 48mm (17.3"×13.8"×1.9")	
Certification		
Certification	CE; FCC; UL; RoHS; WEEE	
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035	
FCC	Part15 Subpart B	



### **Dimensions**



### **Rear Panel**



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