Network Video Recorder

NVR504-E-IQ Series

Features

- Support Ultra 265/H.265/H.264 video formats
- Support 16/32/64-channel input
- Support 2 HDMI and 2 VGA. VGA1 and HDMI1 simultaneous output, VGA2 and HDMI2 simultaneous output. VGA1/HDMI1 and VGA2/HDMI2 independent output
- Support ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

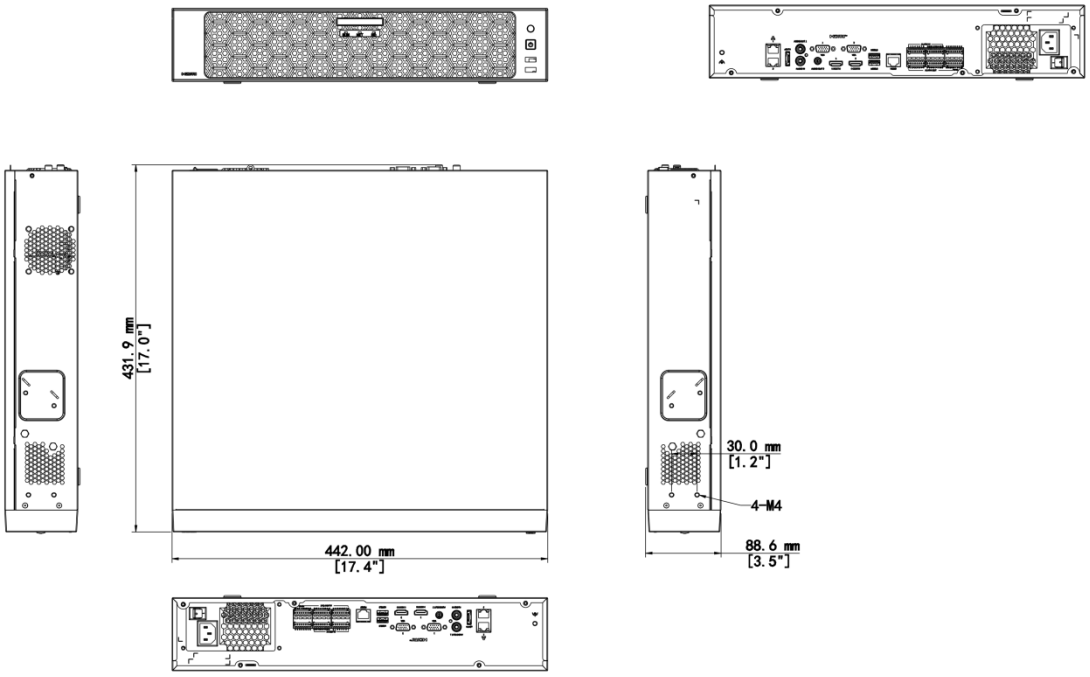
Specifications

Model	NVR504-16E-IQ	NVR504-32E-IQ	NVR504-64E-IQ
Decoding			
Decoding Format	Ultra 265,H.265,H.264		
Decoding Capability	Smart Off：2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 16 x 3MP@30, 16 x 1080P@30 Smart On：1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 9 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 16 x 1080P@30, 16 x 720P@30	Smart Off：2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30 Smart On：1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 9 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 24 x 1080P@30, 32 x 720P@30	Smart Off：2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30, 64 x 720P@30 Smart On：1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 9 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 24 x 1080P@30, 48 x 720P@30, 64 x D1
Decoding Capability Description	The resolution of each channel cannot exceed 8192 pixels in length or width		
Audio Compression	G.711A, G.711U		
Network			
Incoming Bandwidth	Smart Off：384Mbps Smart On：200Mbps		
Outgoing Bandwidth	Smart Off：384Mbps Smart On：200Mbps		
Max Remote Users	128		
Protocols	TCP/IP, P2P, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, 802.1x, IPv6, IPv4		
Browser (Plugin)	Chrome 45+, Edge 79+, Firefox 52+		
Video/Audio Input			
IP Video Input	16-ch	32-ch	64-ch
RCA Audio Input	1-ch		
Peripheral Input			
Ip Speaker	32-ch	32-ch	64-ch
POS	All channels		
Video/Audio Output			
HDMI Output	4K (3840 × 2160)/60 Hz, 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz		
VGA Output	1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz		
RCA Audio Output	2-ch		
Liveview Display	1/4/6/8/9/16	HDMI1 and VGA1: 1/4/6/8/9/16/25/32; HDMI2 and VGA2: 1/4/6/8/9/16	HDMI1 and VGA1: 1/4/6/8/9/16/25/36/64; HDMI2 and VGA2: 1/4/6/8/9/16

Corridor Mode Screen	3/4/5/7/9/10/12/16	HDMI1 and VGA1: 3/4/5/7/9/10/12/16/32; HDMI2 and VGA2: 3/4/5/7/9/10/12/16	HDMI1 and VGA1: 3/4/5/7/9/10/12/16/32; HDMI2 and VGA2: 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	16-ch snapshot (max. 8 MP (3840 × 2160) video resolution, with 1080P snapshot resolution)		
Recording			
Recording Resolution	32 MP/16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF		
Num of Concurrent Playback	32-ch		
Synchronous Playback in Local	16-ch		
Smart Function			
Smart by IPC	All channels (up to 16 images/s in total) Face Detection, Face Comparison, Vehicle Detection (LPR), Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring, People Counting		
Smart by NVR	Face Detection, Face Comparison, Smart Intrusion Prevention (SIP), Ultra Motion Detection (UMD)		
Smart by NVR Analyzer Mode	Mixed Mode (Face Recognition+AcuSearch/AcuTrack), Mixed Mode (SIP+UMD), 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 16-ch with UNV Face Detection Camera, Up to 4-ch with normal camera (UNV and Third-part brand, 4-ch 2MP, 2-ch 4MP, 1-ch 4K)		
Search by Image	Support		
SIP			
SIP by NVR with normal cameras	Up to 8-ch with normal camera (UNV and Third-part brand, 8-ch 2MP, 4-ch 4MP, 2-ch 4K)		
UMD			
UMD by NVR with normal cameras	Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)		
Plate Comparison			
Vehicle Number Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total		
Capacity of Smart Snapshots			
Capacity of Snapshot Records	3 millions records for face snapshot, 2 millions records for vehicle snapshot, 2 millions records for SIP		
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, Array Damaged, Array Degraded
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 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.)
Disk Group	Support
Redundant Storage	Support
Disk Array Type	RAID 0, 1, 5
External Interface	
Network Interface	2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface
Network Working Mode	Muli-access,load balance,network fault-tolerance
USB	Front panel: 2 × USB2.0, Rear panel: 2 × USB3.0
RS485	1
RS232	1
Alarm In	16-ch
Alarm Out	10-ch
eSATA	1
Power Output	12 V
Power Supply	AC 100~240V
Working Environment	
Working Temperature	-10 ℃ ~ + 55 ℃ (+14 ℉ ~ +131 ℉)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 35W
Dimensions	
Weight (without HDD)	≤ 5.5Kg (12.1lb)
Height	2U
Dimensions	442mm × 432mm × 86mm (17.4"×17.0"×3.4")
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
Compliance	
NDAA Compliant	N/A

Dimensions



Accessories

FL-2U Mount Angle Components,Sheetmatel		

Unlimited New View

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