

Network Video Recorder_20260317

NVR816-64-R-IX2-4G



Features

- Support Ultra 265/H.265/H.264 video formats
- 64 channel input
- Third party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile C, Profile Q, Profile A, Profile T
- Support 2 ch HDMI, 1 ch VGA, HDMI at up to 4K (3840x2160) resolution
- HDMI1, HDMI2 and VGA independent outputs provided
- Up to 8 Megapixels resolution recording
- Redundant power supply optional
- Support HDD hot swap with RAID 0, 1, 5, 6, 10, 50, 60 storage scheme configurable
- Support 2 miniSAS Interfaces
- Support 12V power output
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade
- Support N+1 Hot spare
- Support seekfree, 4-5 sheets per second search

Specifications

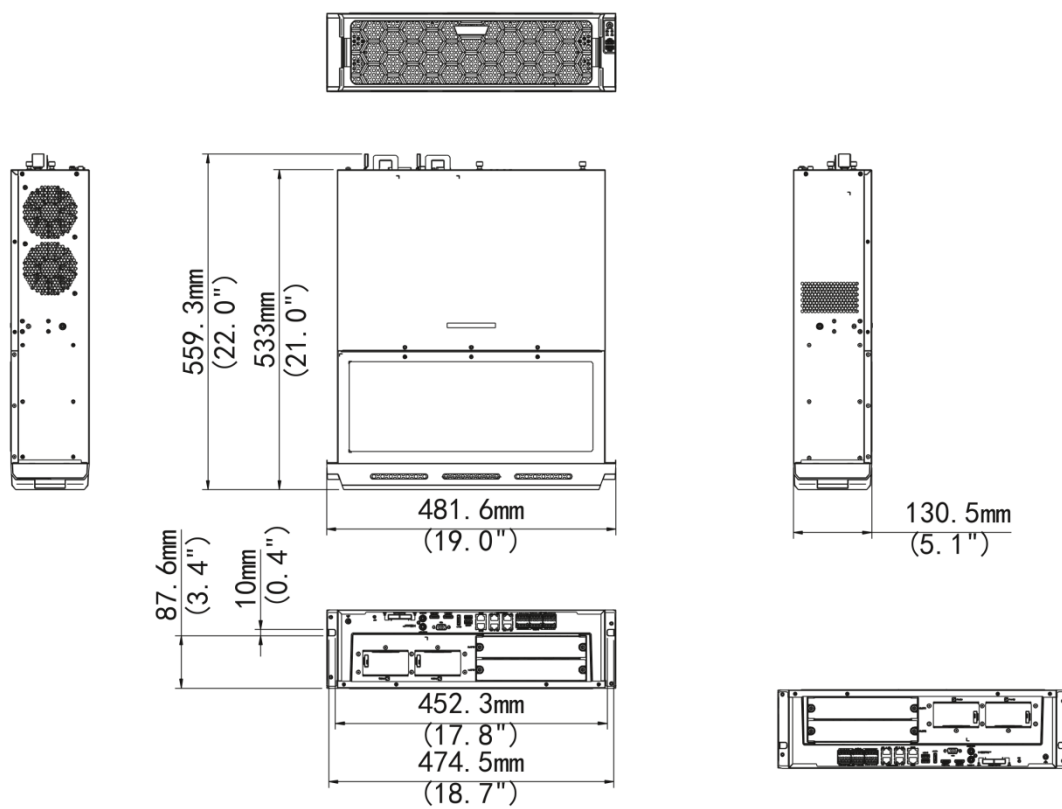
Model	NVR816-64-R-IX2-4G
Decoding	
Decoding Format	Ultra 265, H.265, H.264
Decoding Capability	16* (1080p@30) [64* (D1@30) 32* (720p@30) 16* (1080p@30) 10* (3MP@30) 8* (4MP@30) 4* (8MP@30)]
Decoding Capability Description	For VGA/HDMI independent output, the VGA live video is output by default. To output the highest resolution video from the HDMI port, please clear the VGA video on the preview page., The resolution of each channel cannot exceed 4096 pixels in length or width
Audio Compression	G.711A, G.711U
Network	
Incoming Bandwidth	512 Mbps
Outgoing Bandwidth	512 Mbps
Max Users Can Be Added	128
Remote Users	128
Protocols	TCP/IP, P2P, SMTP, NFS, 802.1x, UPnP, NTP, DHCP, PPPoE, HTTP, DNS, DDNS, SNMP, IPv4, HTTPS
Browser (Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+
Browser (Plugin-Free)	Chrome 57+, Edge 16+, Firefox 58+, Safari 11+
Video/Audio Input	
IP Video Input	64-ch
RCA Audio Input	1-ch
Peripheral Input	
POS	All channels
Video/Audio Output	
Video Output	Support 2-ch HDMI, 1-ch VGA, HDMI1 and HDMI2 and VGA independent output
HDMI 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
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
HDMI Standard	HDMI2.0
RCA Audio Output	1-ch
Liveview Display	VGA: 1/4/6/8/9/16/25/36; HDMI: 1/4/6/8/9/16/25/36/64
Default Num of Live Screen	VGA: 1; HDMI: 16
Corridor Mode Screen	3/4/5/7/9/10/12/16/32
Playback Screen	1/4/9/16
Corridor Mode Screen of Playback	1/3
Two-way Audio	
Two-way Audio	1-ch, RCA (Using the audio input and output)
Snapshot	

FTP/Schedule/Event Snapshot	Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video 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	32-ch
Synchronous Playback in Local	16-ch
Smart Function	
Smart by IPC	All channels (up to 64 images/s in total) Face Detection, Face Comparison, Vehicle Detection (LPR), Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
Smart by NVR	Face Detection, Face Comparison, Smart Intrusion Prevention (SIP), Behavior Analysis
Smart by NVR Analyzer Mode	Mixed Mode (Face Recognition+Mixed-Traffic Detection+AcuSearch/AcuTrack)
VCA Search	Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, SmartSearch+, AcuSearch, AcuTrack
AcuSearch	
Acu Search Performance	Up to 48-ch with normal camera (UNV and Third-part brand, 48-ch 2MP, 24-ch 4MP, 12-ch 4K), All channels with UNV SIP/UMD Camera
AcuTrack	
Acu Track Performance	Up to 48-ch with normal camera (UNV and Third-part brand, 48-ch 2MP, 24-ch 4MP, 12-ch 4K), All channels with UNV SIP/UMD Camera
SeekFree	
SeekFree Language	English
by NVR	Up to 48-ch with normal camera (UNV and Third-part brand, 48-ch 2MP, 24-ch 4MP, 12-ch 4K), All channels with UNV Face Detection Camera
Search by Image	Support
SIP	
SIP by NVR with normal cameras	Up to 48-ch with normal camera (UNV and Third-part brand, 48-ch 2MP, 24-ch 4MP, 12-ch 4K)
with normal cameras	Up to 48-ch with normal camera (UNV and Third-part brand, 48-ch 2MP, 24-ch 4MP, 12-ch 4K)
Type	No Helmet Detection, No Chef Hat Detection, No Work Clothes Detection, Smoking Detection, Smoke and Fire Detection, Calling Detection, No Mask Detection, Rat Detection, Long Stay Detection, Fall Detection, Fight Detection, Absence Detection, People Counting, Climbing Detection, Sleep on Duty Detection, Using Mobile Phone Detection, People Gathering, People Dispersion
Capacity of Smart Snapshots	
Intelligent Mark by IPC	Support
Capacity of Snapshot Records	3 millions records for face snapshot, 3 millions records for vehicle snapshot
Plate Comparison	
Vehicle Number Library	Up to 5 vehicle picture libraries, with up to 5,000 vehicle pictures in total
Alarm	
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Audio Detection, Alarm Input

Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal, High CPU Temperature, High Motherboard Temperature, Array Damaged, Array Degraded
Num of Concurrent Processing Alarms	One every 5 seconds
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	16 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 35°C.)
Disk Group	Support
Redundant Storage	Support
Disk Array Type	RAID 0, 1, 5, 6, 10, 50, 60
Hot Swap	Support
External Interface	
Network Interface	4 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	24-ch
Alarm Out	8-ch
eSATA	1
miniSAS	2
Power Output	12 V
Extension Board	2
Buzzer	Support
Power Supply	AC 100 to 240 V
Power Switch	Support
Redundant Power Supply	Support
Working Environment	
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤350W
Heat Dissipation	Fan, Radiator
Dimensions	
Weight (without HDD)	15KG

Height	4U
Dimensions	130.5mm * 490mm * 481.6mm
Certification	
Certification	CE; FCC; UL; RoHS; WEEE
Compliance	
NDA Compliant	Support
Feature Supported	
Output Mode	Support

Dimensions



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