

Network Video Recorder NVR824-R-IX2 Series



Features

- Support Ultra 265/H.265/H.264 video formats
- Support 96/192-channel input
- Support 2-ch HDMI, 1-ch VGA, HDMI at up to 4K (3840x2160) resolution
- Support HDMI1, HDMI2 and VGA independent outputs provided
- Support up to 8 Megapixels resolution recording
- Support 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
- Support ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade
- Support N+1 Hot spare

Specifications

Model	NVR824-128-R-IX2-8G	NVR824-256-R-IX2-16G
Decoding		
Decoding Format		Ultra 265, H.265, H.264
Decoding Capability		4 x 4K@30, 6 x 5MP@30, 8 x 4MP@20, 10 x 3MP@20, 16 x 1080P@30, 32 x 720P@30, 64 x D1
Decoding Capability Description		The resolution of each channel cannot exceed 4096 pixels in length or width 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.
Audio Compression		G.711A, G.711U
Network		
Incoming Bandwidth		768 Mbps
Outgoing Bandwidth		768 Mbps
Max Remote Users		128
Protocols		TCP/IP P2P UPnP NTP DHCP PPPoE HTTP HTTPS DNS DDNS SNMP SMTP NFS 802.1x IPv6 IPv4
Browser (Plugin)		IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+
Video/Audio Input		
IP Video Input		256-ch
RCA Audio Input		1-ch
Peripheral Input		
Ip Speaker		16-ch
POS		All channels
Video/Audio Output		
Video Output		Support 2-ch HDMI, 1-ch VGA, HDMI1 and HDMI2 and VGA independent 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
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
Corridor Mode Screen		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		Full-ch snapshot (max. 4000 × 3000 video)

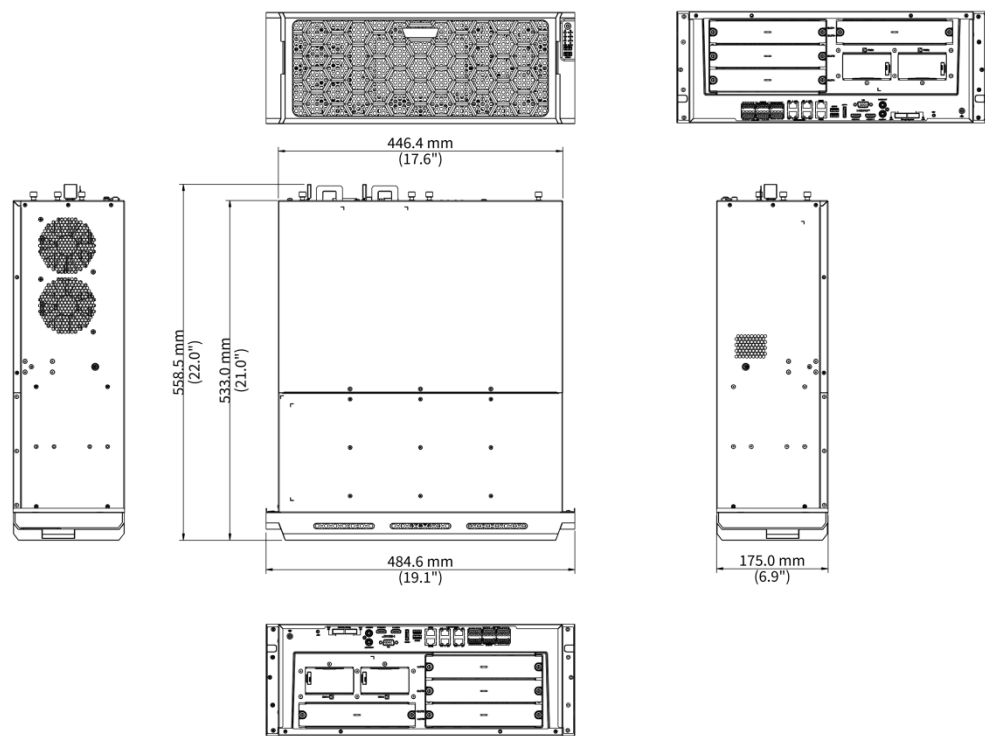
Snapshot		resolution, with snapshot resolution same as the video resolution)
Recording		
Recording Resolution		12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF
Synchronous Playback in Local		16-ch
Smart Function		
Smart by IPC		All channels (up to 64 images/s in total) Face Detection, Face Comparison, Vehicle Detection (LPR), Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring, People Counting
Smart by NVR		Face Detection Face Comparison People Counting (People Flow Counting, Crowd Density Monitoring) Video Metadata Smart Intrusion Prevention (SIP) Behavior Analysis Evacuation Route Obstruction Plate Comparison Elevator Entrance Detection Illegally Parked Motor Vehicle
Smart by NVR Analyzer Mode		Mixed Mode (Face Recognition+SIP+Behavior Analysis+People Counting) Mixed Mode (Mixed-Traffic Detection+AcuSearch/AcuTrack)
VCA Search		Face Snapshot Search Face Comparison Search Behavior Search Motor Vehicle Search Non-Motor Vehicle Search Human Body Search General Search People Counting Report SmartSearch+ AcuSearch AcuTrack SeekFree
AcuSearch		
Acu Search Performance		All channels with UNV SIP/UMD Camera Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K)
AcuTrack		
Acu Track Performance		All channels with UNV SIP/UMD Camera Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K)
SeekFree		
SeekFree Performance		All channels with UNV SIP/UMD Camera Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K)

SeekFree Language		English
face detection		
face detection by NVR		All channels with UNV Face Detection Camera Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K)
Search by Image		Support
Plate Comparison		
Plate Comparion by NVR		All channels with UNV LPR Camera, normal/Third-part brand cameras not supported
Plate Library		Up to 5 plate libraries, with up to 25000 plates in total
SIP		
SIP by NVR with normal cameras		Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K)
UMD		
UMD by NVR with normal cameras		N/A
analysis		
analysis with normal cameras		Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K)
analysis 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 Climbing Detection Sleep on Duty Detection People Counting Using Mobile Phone Detection People Gathering People Dispersion No Reflective Clothing Detection Quick Moving Knife/Stick in Hand Detection
Video Metadata		
Video Metadata by NVR with normal cameras		Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K)
Video Metadata Type		Motor Vehicle: Vehicle Type, Vehicle Color, Vehicle Brand, Direction, Plate Type, Plate Color Non-Motor Vehicle: Non-Motor Vehicle

		Type, Direction, Gender, Age, Upper Garment Length, Upper Garment Color Human Body: Gender, Age, Mask, Hairstyle, Bag Style, Direction, Upper Garment Length, Lower Garment Length, Upper Garment Color, Lower Garment Color
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
Hard Disk		
SATA		24 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, 6, 10, 50, 60
Hot Swap		Support
External Interface		
Network Interface		4 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface
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		4
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
Dimensions		
Weight (without HDD)		15KG
Height		4U
Dimensions		482mm × 559mm × 175mm (19.0" × 22.0" × 6.9")
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
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



Accessories

FB-HD04-B-NB 4-ch HDMI Output Decoding Card	FB-HD07-B-NB 7-ch HDMI Output Decoding Card	DEU1016-B 16 HDDs 3U Disk Enclosure
SL-A Slide Rail	PWR-DC12-550A-IN 550W Power Accessories Module	

Unlimited New View

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