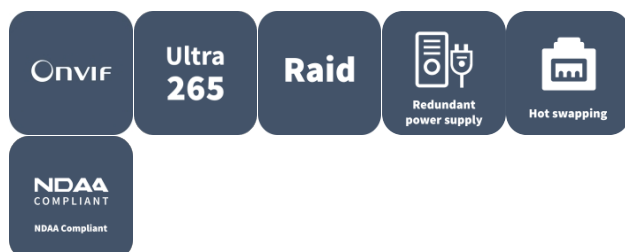


Network Video Recorder NVR824-R Series



Features

- Support Ultra 265/H.265/H.264 video formats
- 128/256-channel input
- Support 2-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- HDMI1, HDMI2 and VGA independent outputs provided
- Up to 12 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

Specifications

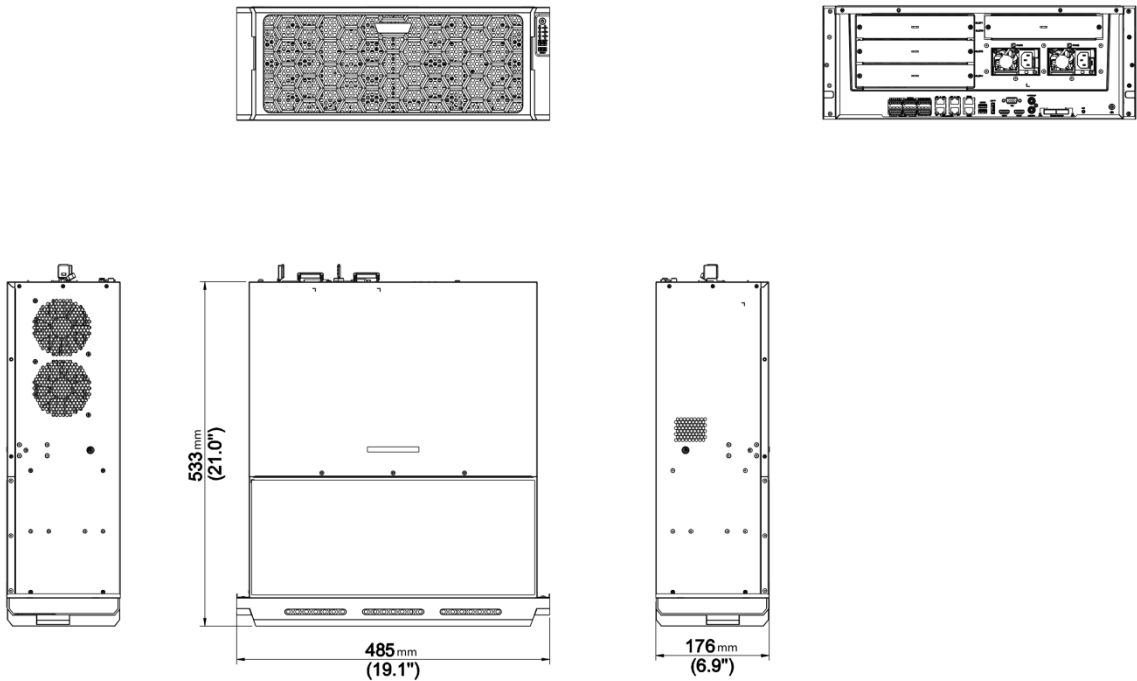
Model	NVR824-128R		NVR824-256R
Decoding			
Decoding Format	Ultra 265, H.265, H.264		
Decoding Capability	Smart off: H265/H264: 3 x 12MP@30, 5 x 4K@30, 20 x 1080P@30, 24 x 1080P@25, 40 x 960P@25, 45 x 720P@30, 54 x 720P@25, 96 x D1 Smart on: When Smart by NVR on, the decoding capacity is same as Smart off.		
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, RTSP, 802.1x, IPv6, IPv4		
Browser (Plugin)	Chrome 45+, Edge 79+, Firefox 52+		
Video/Audio Input			
IP Video Input	128-ch	256-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	VGA:1/4/6/8/9/16/25/36, HDMI1/HDMI2:1/4/6/8/9/16/25/36/64		
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 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		
Synchronous Playback in Local	16-ch		
Smart Function			
Smart by IPC	All channels (up to 64 images/s in total) Face Detection, Vehicle Detection (LPR), Temperature		

	Detection, SIP, UMD, Video Metadata, Traffic Monitoring, People Counting
Smart by NVR	In the Smart Card datasheet, Plate Comparison
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+
face detection	
face detection by NVR	In the Smart Card datasheet
Plate Comparison	
Vehicle Number Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP	
SIP by NVR with normal cameras	In the Smart Card datasheet
Capacity of Smart Snapshots	
Capacity of Snapshot Records	5 millions records for face snapshot, 5 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, 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 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
Extension Board	4
Power Output	12 V
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)	≤ 70W
Dimensions	
Weight (without HDD)	≤ 12.5Kg (27.56lb)
Dimensions	484.6mm × 533mm × 175.5mm (19.1"×21.0"×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

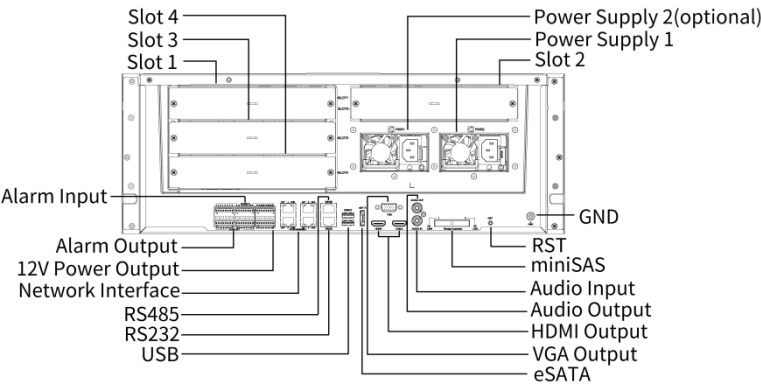
Aggregate product size diagram using NVR824-128R as an example



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	
		

Rear Panel



Unlimited New View

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