

# Network Video Recorder

## NVR824 Series



## Key Features

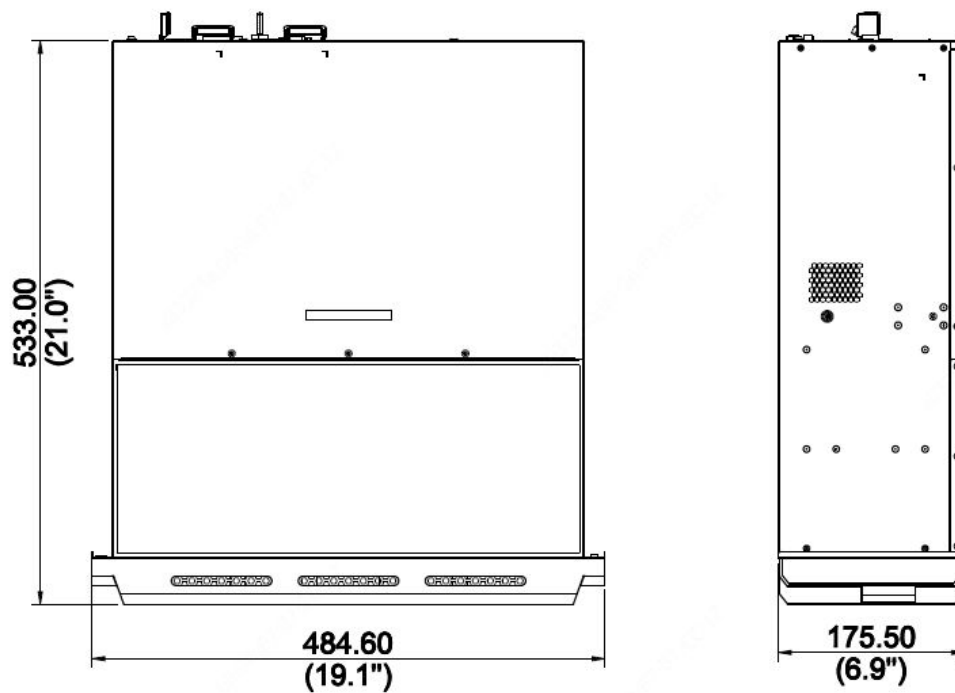
- Support Ultra 265/H.265/H.264 video formats
- 128/256-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile C, Profile Q, Profile A, Profile T
- Support 2-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- HDMI1, HDMI2 and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- Redundant power supply optional
- Support HDD hot swap with RAID 0, 1, 5, 6, 10, 50, 60 storage scheme configurable
- 24 SATA HDDs, up to 16TB for each HDD
- 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

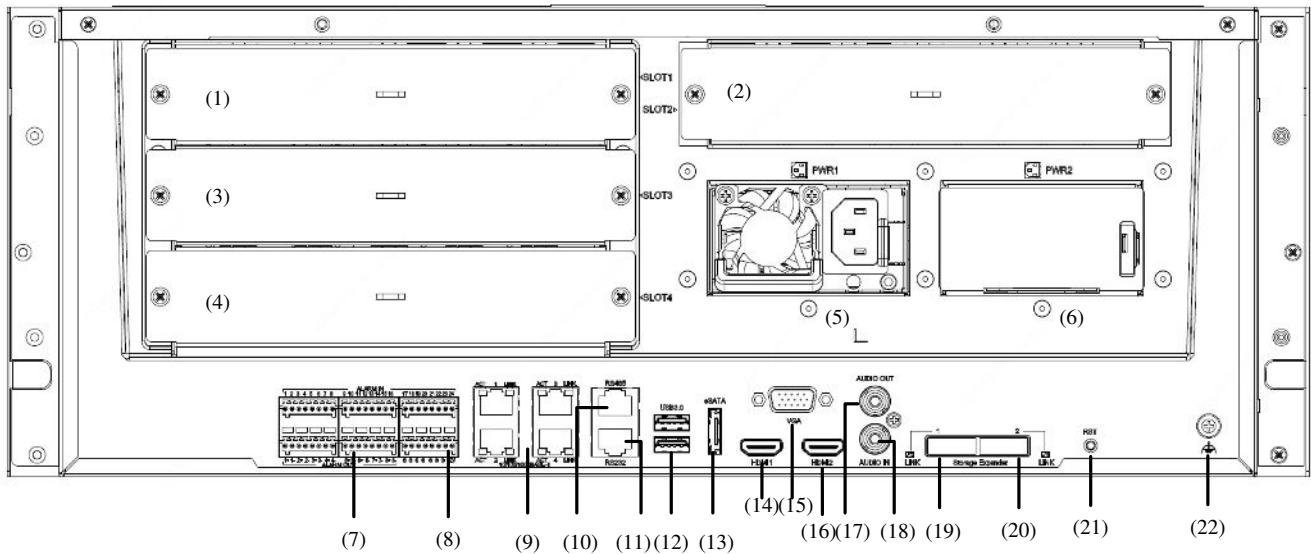
Model	NVR824-128R	NVR824-256R
<b>Video/Audio Input</b>		
IP Video Input	128-ch	256-ch
Two-way Audio Input	1-ch, RCA	
<b>Network</b>		
Incoming Bandwidth	768Mbps	
Outgoing Bandwidth	768Mbps	
Remote Users	128	256
Protocols	P2P, UPnP, NTP, DHCP, PPPoE	
<b>Video/Audio Output</b>		
HDMI/VGA Output	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI1/HDMI2: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Audio Output	1-ch, RCA	
Synchronous Playback	16-ch	
Corridor Mode Screen	3/4/5/7/9/10/12/16/32	
<b>Decoding</b>		
Decoding format	Ultra 265, H.265, H.264	
Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Capability	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	
<b>Hard Disk</b>		
SATA	24 SATA interfaces	
Capacity	Up to 16TB for each HDD (The maximum HDD capacity varies with environment temperature)	
Extension board	4	
miniSAS*	2 miniSAS ports	
eSATA	1	
<b>Smart</b>		
VCA Detection	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Vehicle Control, Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), Ultra Motion Detection(UMD), Video Metadata, Traffic Monitoring	
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report	
People Counting	People Flow Counting, Crowd Density Monitoring	
Smart Intrusion Prevention (SIP), Vehicle Detection, Temperature Detection, UMD, Video Metadata, Traffic Monitoring by Camera	Total 64-ch	
<b>Disk Array</b>		

Array Type	RAID 0/1/5/6/10/50/60
<b>External Interface</b>	
Network Interface	4 RJ-45 10M/100M/1000M adaptive Ethernet Interface
Serial Interface	1 x RS232, 1 x RS485
USB Interface	Front panel: 2 x USB2.0, Rear panel: 2 x USB3.0
Alarm In	24-ch
Alarm Out	8-ch
Power Output	12V
<b>General</b>	
Power Supply	100 ~ 240V AC Power Consumption: ≤ 70 W (without HDD)
Working Environment	-10°C ~ +50°C (+14°F ~ +122°F), Humidity ≤ 90% RH (non-condensing)
Dimensions	533mm × 484.6mm × 175.5mm (21.0" × 19.1" × 6.9")
Weight (without HDD)	≤ 12.5 Kg (27.56 lb)

## Dimensions



## Rear Panel



NVR824

(1) Slot1	(2) Slot2	(3) Slot3
(4) Slot4	(5) Power Supply 1	(6) Power Supply 2(optional)
(7) Alarm in/out	(8) 12V DC Output	(9) Network Interface
(10) RS485	(11) RS232	(12) USB3.0
(13) eSATA	(14) HDMI1 Output	(15) VGA Output
(16) HDMI2 Output	(17) Audio Output	(18) Audio Input
(19) miniSAS	(20) miniSAS	(21) RST
(22) GND		

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\* Product specifications and availability are subject to change without notice.