

Network Video Recorder

NVR824-R-IX Series



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
- 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

Decoding	Description
Decoding Format	NVR824-128-R-IX-8G:Ultra 265, H.265, H.264

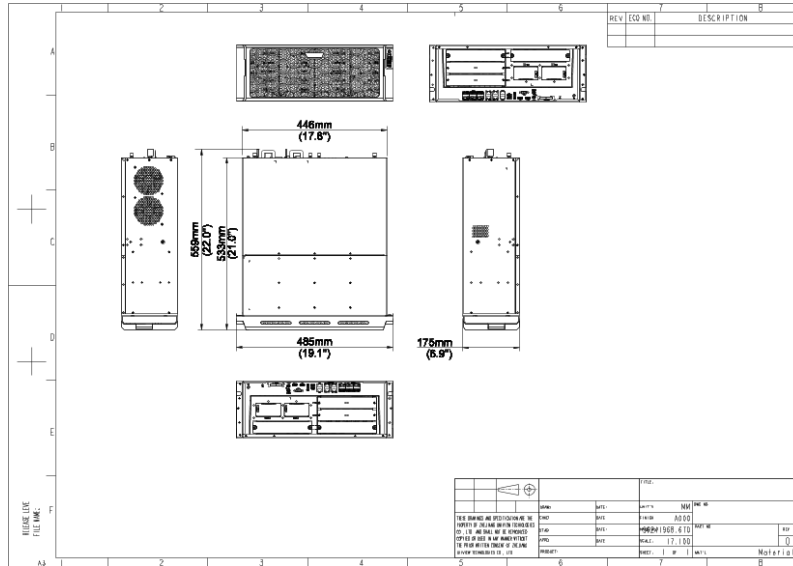
Decoding Capability	NVR824-128-R-IX-8G:3 x 12MP@30, 5 x 4K@30, 20 x 1080P@30, 24 x 1080P@25, 40 x 960P@25, 45 x 720P@30, 54 x 720P@25, 96 x D1
Decoding Capability Description	NVR824-128-R-IX-8G:*. The resolution of each channel cannot exceed 4096 pixels in length or width.; *. For VGA/HDMI independent 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	NVR824-128-R-IX-8G:G.711A, G.711U
Network	Description
Incoming Bandwidth	NVR824-128-R-IX-8G:768Mbps
Outgoing Bandwidth	NVR824-128-R-IX-8G:768Mbps
Remote Users	NVR824-128-R-IX-8G:128
Protocols	NVR824-128-R-IX-8G:TCP/IP; P2P; UPnP; NTP; DHCP; PPPoE; HTTP; HTTPS; DNS; DDNS; SNMP; SMTP; NFS; RTSP; 802.1x; IPv6; IPv4
Browser(Plugin)	NVR824-128-R-IX-8G:Windows: IE (IE10/ 11), Firefox (version 52.0 and above), Chrome (version 45 and above), Edge (version 79 and above)
Video/Audio Input	Description
IP Video Input	NVR824-128-R-IX-8G:128-ch
RCA Audio Input	NVR824-128-R-IX-8G:1-ch
Video/Audio Output	Description
HDMI Output	NVR824-128-R-IX-8G:4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	NVR824-128-R-IX-8G:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	NVR824-128-R-IX-8G:1-ch
Liveview Display	NVR824-128-R-IX-8G:VGA:1/4/6/8/9/16/25/36, HDMI1/HDMI2:1/4/6/8/9/16/25/36/64
Corridor Mode Screen	NVR824-128-R-IX-8G:3/4/5/7/9/10/12/16/32
Two-way Audio	Description
Two-way Audio	NVR824-128-R-IX-8G:1-ch, RCA (Using the audio input and output)
Snapshot	Description
FTP/Schedule/Event Snapshot	NVR824-128-R-IX-8G:128-ch snapshot, up to 4K resolution
Recording	Description
Recording Resolution	NVR824-128-R-IX-8G:12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Synchronous Playback in Local	NVR824-128-R-IX-8G:16-ch

Smart	Description
VCA Detection by IPC	NVR824-128-R-IX-8G:Face Detection; face detection; Vehicle Detection; SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area); Ultra Motion Detection (UMD); Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection); People Counting (People Flow Counting, Crowd Density Monitoring); Video Metadata; Traffic Monitoring
Smart by NVR	NVR824-128-R-IX-8G:Face Detection; face detection; Smart Intrusion Prevention (SIP); Behavior Analysis; (At same channel, only one smart function by NVR can be enabled simultaneously)
VCA Search	NVR824-128-R-IX-8G;; ; Motor Vehicle Search; Non-Motor Vehicle Search; Human Body Search; General Search; People Counting Report
Smart by IPC	NVR824-128-R-IX-8G:All channels (up to 64 images/s in total)Face Detection, face detection, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
Search by Image	NVR824-128-R-IX-8G:Support
Vehicle Picture Library	NVR824-128-R-IX-8G:Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP by NVR	NVR824-128-R-IX-8G:64-ch
Behavior Analysis with normal cameras	NVR824-128-R-IX-8G:64-ch
Behavior Analysis Type	NVR824-128-R-IX-8G:No ; No Chef Hat Detection; No Work Clothes Detection; Smoking Detection; Smoke and Fire Detection; Calling Detection; ; Rat Detection; Long Stay Detection; Fall Detection; Fight Detection; Absence Detection; Climbing Detection; Sleep on Duty Detection; People Counting; No Reflective Clothing Detection
Alarm	Description
General Alarm	NVR824-128-R-IX-8G: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	NVR824-128-R-IX-8G: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
GUI Language	Description
GUI Language	NVR824-128-R-IX-8G: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

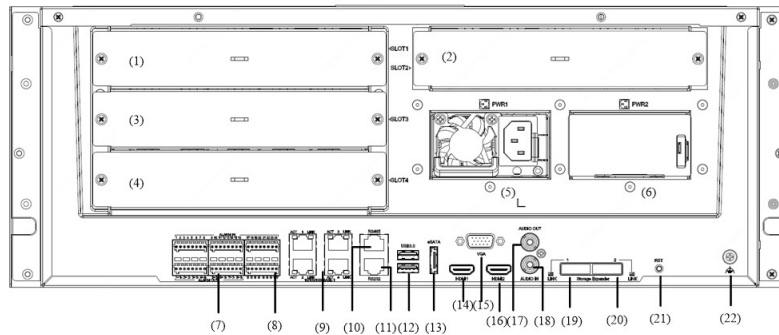
Hard Disk	Description
SATA	NVR824-128-R-IX-8G:24 SATA interfaces
Capacity	NVR824-128-R-IX-8G:Up to 16TB for each HDD (The maximum HDD capacity varies with environment temperature)
Disk Group	NVR824-128-R-IX-8G:Support
Redundant Storage	NVR824-128-R-IX-8G:Support
Disk Array Type	NVR824-128-R-IX-8G:RAID 0, 1, 5, 6, 10, 50, 60
Hot Swap	NVR824-128-R-IX-8G:Support
External Interface	Description
Network Interface	NVR824-128-R-IX-8G:4 RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB	NVR824-128-R-IX-8G:Front panel: 2 x USB2.0; Rear panel: 2 x USB3.0
RS485	NVR824-128-R-IX-8G:1
RS232	NVR824-128-R-IX-8G:1
Alarm In	NVR824-128-R-IX-8G:24-ch
Alarm Out	NVR824-128-R-IX-8G:8-ch
eSATA	NVR824-128-R-IX-8G:1
miniSAS	NVR824-128-R-IX-8G:2
Power Output	NVR824-128-R-IX-8G:12V
Power Supply	NVR824-128-R-IX-8G:AC 100 ~ 240 V
Power Switch	NVR824-128-R-IX-8G:Support
Redundant Power Supply	NVR824-128-R-IX-8G:Support
Working Environment	Description
Working Temperature	NVR824-128-R-IX-8G:-10 °C ~ 50 °C (14 °F ~ 122 °F)
Working Humidity	NVR824-128-R-IX-8G:≤ 90% RH (non-condensing)
Power Consumption (without HDD)	NVR824-128-R-IX-8G:≤ 300W
Dimensions	Description
Weight (without HDD)	NVR824-128-R-IX-8G:≤ 12.5Kg (27.56lb)
Height	NVR824-128-R-IX-8G:4U
Dimensions	NVR824-128-R-IX-8G:484.6mm × 533mm × 175.5mm (19.1"×21.0"×6.9")
Certification	Description
Certification	NVR824-128-R-IX-8G:CE; FCC; UL; RoHS; WEEE

CE	NVR824-128-R-IX-8G:EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035
FCC	NVR824-128-R-IX-8G:Part15 Subpart B

Dimensions



Rear Panel



(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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