

128 Channel Intel Core i5 Processor Super NVR

The absolute top of the line. Large, powerful, and 'in-charge', the NVR-8128 is the pinnacle of High Definition video recording solutions. Due to the size of this device (19" wide, 3U high), the NVR8128 is commonly rack mounted in most installations.

Boasting an impressive 16 HDDs, 4 Gigabit network interface cards, dual power supplies, and 6 HDMI outputs, the NVR8128 serves a critical focus as 'the core' of your surveillance backbone. Fully redundant HDDs (RAID compatible), and Fault Tolerant Network cards will help guarantee a constant 24/7/365 of uptime for your surveillance recorder. The NVR8128 supports 384 Mbps of recording and decoding throughput, meaning you can record 128 channels @ D1, 96 @ 720P, or 48 @ a full 1080P. Typical NVR8128 deployments include: large offices, medium to large businesses, banks, casinos, schools, government establishments, etc.

Beyond this, the NVR8128 comes standard with 6 HDMI outputs (1 primary display, with up to 64 camera view, and 5 secondary displays with up to 4 camera views), Alarm I/O's, and two-way talk, making it a fully featured Network Video Recorder. This IC Realtime series recorder utilizes H.264E (Enhanced H.264) compression technology, enabling crisp image viewing with the least bandwidth consumption possible. This unit adopts an x86 architecture (powered by an Intel® core i5 quad core processor), as well as a Linux operating System, resulting in high levels of stability, performance, and most importantly: reliability. In addition, this unit is fully operational from remote locations over standard Ethernet networks.

Main Features

- Recordings at a resolution of D1 with 128 camera recordings.
- Provides 'fall-back' fault-tolerance by employing 16 internal SATAII hard drives.
- Intelligent system diagnostics
- Max 384 Mbps. Up to 128 channel@D1, 96 channel@720P, 48 channel@1080P real time recording
- 128ch IP camera connections
- Up to 48 channel HD real time transmission and recording
- Video Outputs: 1 Primary VGA (64 camera view), 1 Primary HDMI (64 camera view), 5 Secondary HDMI (single or quad view)
- Support 16 hot-swap SATA HDDs to better its scalability and flexibility
- Support RAID0/1/5(optional)
- ONVIF Version 2.0
- Front LCD display
- Dual Power Supply (-D model)
- Supports Multi-brand network cameras



Head Office

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Technical Specs

NVR8128	
Interface	Local GUI & WEB GUI
Main Processor	Intel® Core™ i5 Processors
Operating System	Embedded LINUX
Motherboard	Embedded Board (Support 7x24 operation)
Memory	4GB DDR3
Case	Hot-dipped galvanized sheet steel(1.2mm thickened), High-precise aluminum alloy slide, Patented pull-out rack design
Fan	Dual ball screw bearing fan, MTBF>100,000h, support replacement during operation
Video & Audio	
Input	Total 384 Mbps: 128ch@D1/96ch@720P/48ch@1080P
Transmission	Total 384 Mbps: 128ch@D1/96ch@720P/48ch@1080P
Recording	Total 384 Mbps: 128ch@D1/96ch@720P/48ch@1080P
Preview	5ch@1080P/10ch@720P/20ch@D1(Screen 1~2) +12ch@1080P/24ch@720P/48ch@D1(Screen 3~6)
Playback	4ch@1080P/8ch@720P/16ch@D1 (Screen 1)
Recording Resolution	5M, 3M, 1080P, 720P, 960H, D1, CIF, QCIF, VGA
Audio	1ch audio & 1ch Mic in, 1ch audio out
Recording	
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop
Alarm Recording	Video loss, Camera blank, Motion detection, External alarm
Backup Mode	Network download / USB HDD/USB CD&DVD-RW / eSATA Device

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Display	
Interface	Video Outputs: 1 Primary VGA (64 camera view), 1 Primary HDMI (64 camera view), 5 Secondary HDMI (single or quad view)
Video Output	Video Outputs: 1 Primary VGA (64 camera view), 1 Primary HDMI (64 camera view), 5 Secondary HDMI (single or quad view) (or built-in LCD)
Multi-screen Display	The 1st screen: 1/4/6/8/9/16/32/64 The 2nd-6th screens: 4
Privacy Masking	Four customized zones for privacy masking for each area
Hard Drive	
Hard Disk	16 SATAII
HDD Mode	Single, Raid 0, Raid 1, Raid 5. (Support global HDD Hot-standby)
HDD Installation	Independent HDD rack, support hot swap
Network	
Interface	4 RJ-45 ports(10/100/1000M)
Ethernet Port	4 Ethernet ports joint working or 4 independent 1000M Ethernet ports
MD & Alarm	
Motion Detection	Zones: 396(22x18), Sensitivity: 1~6 (level 6 is highest)
Alarm Input	16ch, low level effective, green terminal interface
Relay Output	8ch, Relay contact(1A@24VDC), NO/NC programmable, green terminal interface
Interface	
Front cover	Support hot swap, 7" inch HD LCD (1920 x 1080 / 1280 x 1024 / 1024 x 768)
USB	4 USB ports(2 on the front-panel, 2 on the rear panel)
eSATA	1 eSATA (Used for manual backup storage only)
Supported IPCs	Click for PDF file

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General	
Power Supply	100V-240Vac, 47-63Hz / Dual Power Supply
Power Consumption	< 240W (Include HDD)
Working Environment	14°F ~ 131°F / -10°C~55°C
Working Humidity	10%~80% (non-condensation)
Dimension	19.09"x17.63"x5.24" (WxDxH)
	485mmx448mmx133.2mm (WxDxH)
Weight	77.16lb or 35Kg
Installation	Rack-mounted

Third party IP camera supported

Click to see the complete list of models that have been tested and certified.



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