

HWT-NVR800-B04

32-channel 4-disk network video recorder



Features

High performance and flexibility

- 32-channel network video access and 320 Mbit/s video input
- One HDMI port and one VGA port for simultaneous 4K HD output
- Four SATA ports
- Multiple Camera intelligent capabilities, whitelist-based facial recognition, blacklist-based alert, stranger detection, face search, perimeter detection, regular customer analysis, and attendance taking
- Up to 16-channel simultaneous playback and reverse playback
- Preview, storage, and playback of 4K HD network video
- Playback of video from external USB hard drives
- Search of recordings by time, recording type, bookmark, or AI event
- Two storage modes: disk quota and disk group. Each channel has their own recording storage capacity or period.

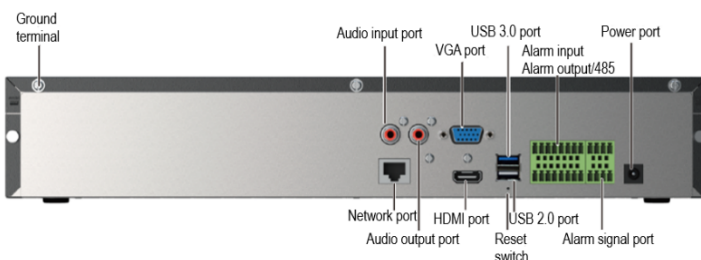
Usability and maintenance

- Plug-and-play and automatic configuration discovery
- Adaptive access to H.265 and H.264 cameras
- Access to the platform and mobile apps using HOLOWITS CLOUD protocols
- Quick device registration and access using QR codes
- User-friendly UI
- Centralized camera management: setting camera parameters, importing and exporting information, enabling voice intercom, and batch upgrading
- Log functions: operation logs, system logs, alarm logs, parameter modification logs, recording logs, intelligent log check, and log storage

High security and reliability

- Locks important recording files.
- Uses the embedded Linux operating system to ensure 24/7 stable running, protecting the system from hacker attacks and viruses.

Physical Ports



Technical Specifications

Product Model	HWT-NVR800-B04
Controllers	
CPU	32-bit multi-core high-performance processor
Memory	16 GB (DDR3)
Performance	
Video input	32 channels, 320 Mbit/s access
Video forwarding	320 Mbit/s
Playback/Download	128 Mbit/s playback
Local decoding	8MP (4K): 4-channel 30 fps; 4MP: 8-channel 30 fps; 2MP (1080p): 16-channel 30 fps
Video output	
HDMI	One HDMI 2.0 port; resolutions: 1024 x 768, 1280 x 720, 1280 x 1024, 1440 x 900, 1920 x 1080, 2560 x 1440, 3840 x 2160
VGA	One VGA port; resolutions: 1024 x 768, 1280 x 720, 1280 x 1024, 1440 x 900, 1920 x 1080
Preview	1/4/6/8/9/10/12/13/14/16/17/19/20/22/25/32 panes
Storage capacity	
Disks	4
Disk port	SATA2.0
Disk type	4TB/6TB/8TB per port
Recording	
Recording mode	Manual recording, scheduled recording, motion detection-triggered recording, and recording triggered by I/O alarms
Recording playback	16-channel simultaneous playback; controls: fast forward (2x, 4x, 8x, or 16x) and slow-down (1/16x, 1/8x, 1/4x, or 1/2x)
Search mode	By time, recording type, or AI event
Download mode	In batches or by segment
Compatibility	
Video format	H.264/H.265
Audio format	G.711a/G.711u
Network protocols	TCP, UDP, RTP, RTSP, HTTP, DNS, SNMP, NTP, SMTP, and DHCP
Device access	HOLOWITS SDK and ONVIF
Web access	Compatible with Internet Explorer 9, 10, and 11
Management/Maintenance	
Management mode	Web and LDU
Log type	Log functions: operation logs, system logs, alarm logs, parameter modification logs, recording logs, intelligent log check, and log storage
External ports	
Network port	1 x 10/100/1000 Mbit/s Ethernet port
USB port	3 x USB ports (one USB 2.0 port on the front panel; one USB 2.0 port and one USB 3.0 port on the rear panel)
Serial port	1 x half-duplex RS-485 port
Audio input	1 channel, RCA port
Audio output	1 channel, RCA port
Alarm port	16-channel alarm input, 1-channel alarm output
Others	
Operating temperature	0°C to 45°C
Operating humidity	20% to 90%
Power consumption	≤ 7 W (without hard disk and PoE output)
Power supply	12 V/6 A
Dimensions	Equipment dimensions 66 mm (H) x 378 mm (W) x 326 mm (D) Package dimensions 115 mm (H) x 500 mm (W) x 375 mm (D)
Shelf	19-inch standard 1.5 U shelf
Weight	Net Weight 2.4 kg (excluding hard disks) Gross Weight 2.9kg (excluding hard disks)
Certification	
Certification	CE, RoHS, WEEE, CCC and CQC

HOLOWITS Contact

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Product selector

Scan the QR code on the right to view and compare specifications of HOLOWITS products and select the best camera for you.