

HWT-NVR800-A01

8-channel 1-disk network video recorder



Features

High performance and flexibility

- 8-channel network video access and 80 Mbit/s video input
- One HDMI port and one VGA port for simultaneous 4K HD output
- One SATA port
- 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 8-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.

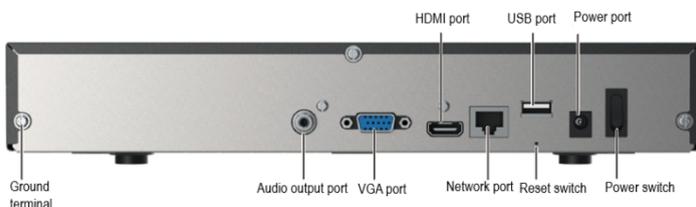
Usability and maintenance

- 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-A01
Controllers	
CPU	32-bit multi-core high-performance processor
Memory	4 GB (DDR3)
Performance	
Video input	8 channels, 80 Mbit/s access
Video forwarding	64 Mbit/s
Playback/Download	64 Mbit/s playback
Local decoding	8MP (4K): 1-channel 30 fps; 4MP: 2-channel 30 fps; 2MP (1080p): 4-channel 30 fps The decoding performance deteriorates by 50% when the NVR800 works with HOLOWITS Cameras to enable the AI function.
Decoded video output	
HDMI	One HDMI 1.4 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 panes
Storage capacity	
Disks	1
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	8-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	2 x USB 2.0 port (one on the front panel and one on the rear panel)
Audio input	N/A
Audio output	1 channel, RCA port
Others	
Operating temperature	0°C to 45°C
Operating humidity	20% to 90%
Power consumption	≤ 3 W (excluding hard disk and PoE output)
Power supply	12 V/2 A
Dimensions	Equipment dimensions 54 mm (H) x 300 mm (W) x 227 mm (D) Package dimensions 100 mm (H) x 425 mm (W) x 270 mm (D)
Shelf	1 U
Weight	Net Weight 1 kg (excluding hard disks) Gross Weight 1.4kg (excluding hard disks)
Certification	
Certification	CE, RoHS, WEEE, CCC and CQC

HOLOWITS Contact

Address : 6 Temasek Boulevard, 29th Floor, Suntec Tower Four, Singapore 038986

Web : www.hollowits.com

Copyright 2022. All rights reserved © HOLOWITS TECHNOLOGIES PTE. LTD.
No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of HOLOWITS TECHNOLOGIES PTE. LTD.

General Disclaimer

The information in this document may contain predictive statements including, without limitation, statements regarding the future financial and operating results, future product portfolio, new technology, etc. There are a number of factors that could cause actual results and developments to differ materially from those expressed or implied in the predictive statements. Therefore, such information is provided for reference purposes only and constitutes neither an offer nor an acceptance. HOLOWITS may change the information at any time without notice.



Product selector

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