

4N-NVR816H2-P

16CH 2HDD 16CH PoE NVR



Product Overview

The 4NSYS 16-Channel Network Video Recorder (NVR) is a professional video management device designed for medium-scale surveillance systems. It supports up to 16 IP camera channels with high decoding performance and intelligent video analytics. Equipped with AI-powered functions such as face recognition, multi-object detection, and intrusion analysis, the 4NSYS 16ch NVR delivers accurate monitoring for commercial, industrial, and municipal applications.

With dual SATA HDD bays (up to 12TB per drive), 16 PoE ports, and Gigabit network connectivity, it provides stable operation and easy system deployment. Smart playback and cloud upgrade features make it ideal for efficient and scalable security management.

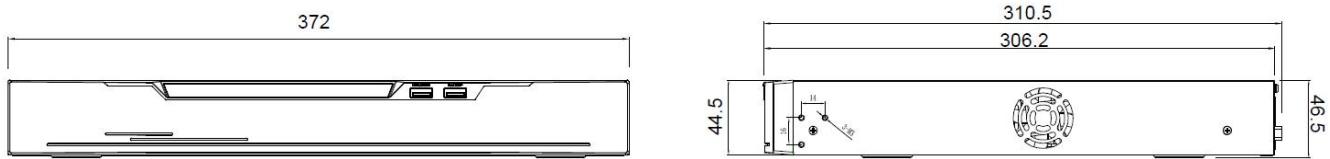
Key Features

- Up to 16ch IP cameras access
- Up to 12MP resolution for live view and recording
- Support face recognition and multi-objective recognition
- Intelligent analysis by NVR: Intrusion (support the accurate detection of vehicle and human)
- 2 SATA hard disk, up to 12TB for each HDD
- Support Encode H.264 , H.265 , MJPEG
- 1 RJ45 10/100/1000Mbps network interface
- 16ch POE ports
- Smart search & playback
- Support cloud upgrade
- Live View and Playback through Network Connection

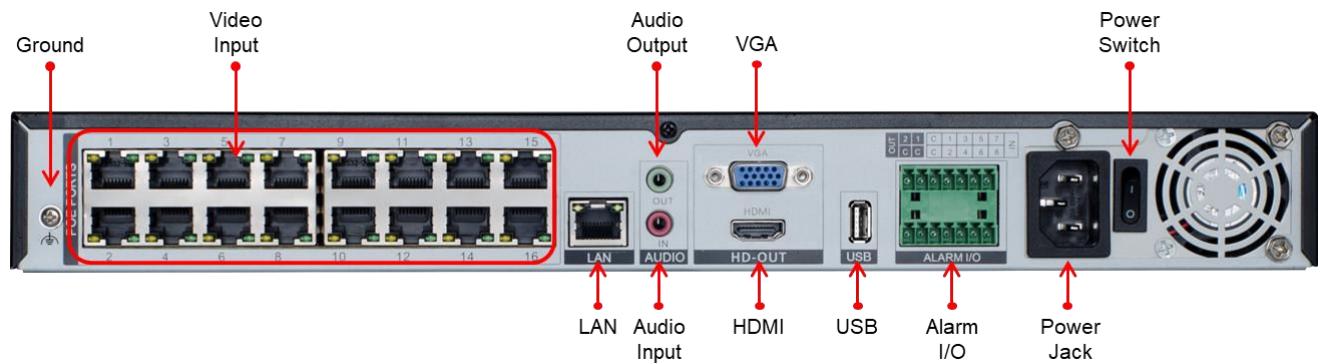
Specification

Video Input		Network																																																																			
IP Camera Input	16 Channel	Network Function	HTTP, HTTPS, TCP/IP, IPv4, IPv6, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE																																																																		
Incoming Bandwidth	112 Mbps	Remote Users	8 users																																																																		
Outgoing Bandwidth	112 Mbps	Smart Phone	iPhone, iPad, Android																																																																		
Video Output			Interoperability																																																																		
HDMI Output	3840×2160, 1920×1080, 1280×1024, 1024×768	ONVIF, SDK, CGI, NDAA																																																																			
VGA Output	1920×1080, 1280×1024, 1024×768	Storage																																																																			
Decoding Capacity	1ch 12MP, 4ch 4MP, 8ch 1080P, 16ch D1@30fps	HDD	2 SATA ports, up to 12TB for each HDD																																																																		
Dual Stream	Support	Interface																																																																			
Multi-screen Display	1/4/9/16	AI Recognition	Real-time captured and display faces comparison results (registrant (name and ID), stranger, channel, similarity)	Network	1 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	Face Comparison	Real-time captured and display vehicle, human body, non-motor vehicle, license plates image, and faces comparison results (registrant, stranger, channel, similarity)	PoE	16 Ports (IEEE802.3af), 128W	Multi-objective	Time, Properties, Pictures, License plate	HDMI	1	Smart Search	Trigger Events	VGA	1	Trigger Events	Buzzer, Alarm push, Alarm prompt, Email, Alarm Out, Compare the result simultaneously, etc.	Audio I/O	1/1	Recoding		Alarm I/O	8/2	Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	USB	3 ports (USB 2.0 × 3)	Recording Mode	Manual, Schedule (Regular, Continuous), Event	Reset Button	On-board reset button	Encode	H.264, H.265, MJPEG	General		Trigger Events	Motion Detection, Video Loss, Alarm in, IVS	Playback and Backup		Power Supply	AC100 ~ 240V	Sync Playback	16/9/4/1	Power Consumption	< 15 W (without HDD)	Search Mode	Time /Date, Alarm, Picture grid, Event	Operating Conditions	-10 °C ~ 50 °C (14 °F ~ 122 °F)	Backup Mode	USB Device, Network	Storage Conditions	Less than 90% RH	Alarm		Certifications	CE/FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)	General Alarm	Motion Detection, Video Loss, Alarm in, Alarm out, IVS (by camera)	Dimensions	372 × 310.5 × 46.5 mm (16.65 × 12.2 × 2.2 inch)	Abnormal Alarm	Disk Alarm, IP Address Conflict, Network Disconnect	Net Weight	2.75 kg (6.05 lb) without HDD	Intelligent Analysis	Intrusion detection (support the accurate detection of vehicle and human) by NVR
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Dimensions (mm)



Rear Panel



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South Korea