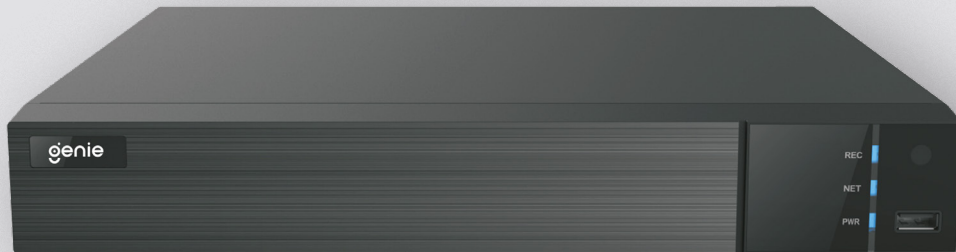WNVR432P5OAI

NETWORK VIDEO RECORDER

PoE 32 Channel H.265 12MP NVR with 4HDD Bays, Facial Recognition and LPR

Key Features

- Support 32CH 12MP/8MP/6MP/5MP/4MP/3MP 1080p/1280×1024/960p/720p/960H/D1/CIF IPC Input
- H.265S/H.265+/H.265/H.264
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-type recording: manual / timed / motion / sensor / POS / AI recording
- Playback : 16 CH simultaneous playback
- Search : time slice, time, event, tag and smart search
- Support face detection and comparison
- Support POS information overlay on live view and playback

- Support multiple VCA (Video Content Analytics) events, such as object abandoned/ missing, region intrusion, tripwire, video exception, etc.
- Support license plate recognition
- Pentaplex : preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Compatible with third-party IPCs, such as ONVIF, etc.
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Support 16CH PoE IPC direct connection to NVR via PoE ports

- Multi-user online simultaneously
- Authorisation management, log view and device status view
- 4K output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

The Genie **WNVR432P5OAI** is a 32 channel high definition 12MP network video recorder with 4HDD bays. The **WNVR432P5OAI** also supports face recognition when used in conjunction with any "Xpert" range of face recognition and LPR IP cameras. The **WNVR432P5OAI** features up to 16 channel simultaneous playback as well as 16 PoE network ports which supports direct connection from the IP camera to the NVR. The NVR can support the latest H.265 and H.264 encoding streams. The **WNVR432P5OAI** NVR has a dedicated iPhone and Android app (Super Live Plus) and are supplied with free Windows / MAC CMS software.

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Specification

System

OS	Embedded Linux
Mobile OS	iOS, Android

Video

Compression	H.265S/H.265+/H.265/H.264
IP Video Input	32CH IPC input
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p / 1280×1024/960p/720p/960H/D1/CIF
Network Bandwidth	192Mbps/192Mbps (incoming/outgoing)
Output	HDMI: 3840×2160/1920×1080/1280×1024/ 1024×768 HDMI2 : 1920×1080/1280×1024/1024×768 VGA ×1: 1920×1080/1280×1024/1024×768 VGA and HDMI1 output the same video source

Face Recognition

Face Detection Performance (AI by IPC)	32CH
Face Detection Performance (AI by Device)	2 CH (2MP)
Face Match Performance	6 CH
Comparison Capability	18 pictures / second
Face Picture Database	32 libraries 10000 Face Pictures
Face Picture Search	Search by picture is supported
Database Management	Add, modify, delete and search face pictures
Face Picture Adding	Add face pictures through APP, WEB and external import
Face Picture Comparison	Support allow list, block list and stranger match alarm
Track	Track display on a map
Statistical Graph of Information	Bar graph
Statistical Mode of Information	Statistics by day, week, month, quarter as well as customised time period

Playback

Simultaneous Playback	Max 16 CH
Search	Time slice / Time / Event / Tag / Smart search
Smart Search	Highlighted colour to display the camera record in a certain period of time, different colours refers to different record events.
Function	Play, pause, FF, FB, digital zoom, etc.
Decoding Capability	Live View / Playback: 1CH 8MP / 4CH 1080p

Remote Monitoring

Immix	Compatible with Immix via RTSP only (2-way audio not supported)
Sentinel	Yes, Firmware 1.2.0 or later
Remote Access	Internet Explorer (ActiveX), HTML5 compatible browser support with firmware version 1.4.5 and above

Network

Interface	RJ45 1000 Mbps × 2
PoE Port	RJ45 × 16 (IEEE802.3at output power: ≤ 150W)
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPs, 802.1x, RTSP, SNMP, ONVIF
Web Client	Max. 20 users access

Port

RS485	Yes (Full-duplex), Connect to PTZ or keyboard
USB	USB 3.0 × 1, USB 2.0 × 2
Remote Controller	Optional

Video Structure Analysis

Human/Vehicle Classification	Yes

Alarm

Mode	Manual, Sensor, Motion, Exception, Smart events etc.
Input	16CH local alarm input, supports IPC alarm input
Output	4 CH
Triggering	Record, Snap, Preset, E-mail, etc.

Backup & Storage

Local Backup	USB stick, USB mobile HDD
Network Backup	Yes
Storage	HDD: SATA × 4, max 10TB for each HDD, E-SATA × 1

Record

Record Stream	Dual stream recording
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/ 1280×1024/960p/720p/960H/D1/CIF
Frame Rate	NTSC: 30fps, PAL: 25fps

Audio

Network Input	32 CH IPC audio input
Two-Way Audio	RCA × 1
Local Output	RCA × 1
Compression	G.711 (A/U)

Multi-Screen Display Mode

Mode	Dual output mode (default mode): supports HDMI2 output, but doesn't support AI by device AI mode: HDMI2 output and 12MP video input (live view/playback) are unavailable, but 8MP video input supports
Dual Output Mode	32CH (HDMI1) +4CH (HDMI2)
AI Mode	24CH (HDMI1)

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Specification

Others

Other Functions	Fisheye: Supports fisheye dewarping via Web Client and mobile App Plate Recognition: Yes
Power Supply	ATX, 300W (PoE)
Consumption	≤ 20W (Without HDD and PoE power supply)
Working Environment	-10~50°C, 10%~90% (Humidity)
Dimensions	440 × 390 × 70 mm
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE

Dimensions

70mm

440mm

390mm

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