WNVRN832P5OAI

NETWORK VIDEO RECORDER

PoE 32 Channel H.265 8MP NVR with 8HDD Bays, Facial Recognition and LPR

ONVIF®

genie NDAA Compliant

Key Features

- Supports 32 CH 12MP / 9MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 1280×1024 / 960p / 720p / 960H/D1/CIF IPC Input
- H.265S/H.265+/H.265/H.264 coding
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-mode recording: manual / timed / motion / sensor / POS / AI recording
- Playback : 16 CH simultaneous playback
- Search: time slice, time, event, tag and smart search
- Support multiple VCA (Video Content Analytics) events, such as object abandoned/ missing, region intrusion, tripwire, video exception, etc.
- Supports face detection and comparison
- Support license plate recognition
- Supports POS information overlay on live view and playback
- Pentaplex : preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Compatible with third-party IPCs, such as ONVIF
- Multi-user online simultaneously
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Support 16CH PoE IPC direct connection to NVR via PoE ports
- Authorization 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 Andriod OS

The Genie **WNVRN832P5OAI** is a 32 channel high definition 8MP network video recorder with 8HDD bays. The **WNVRN832P5OAI** also supports face recognition and ANPR when used in conjunction with any "Xpert" range of face recognition and LPR IP cameras. The **WNVRN832P5OAI** 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 **WNVRN832P5OAI** NVR has a dedicated iPhone and Android app (Super Live Plus) and are supplied with free Windows / MAC CMS software.

genie

Specification

System

OS	Embedded Linux
Mobile OS	iOS, Android

Video

IP Video Input	32 channel IPC input
Incoming Bandwidth	320Mbps
Outgoing Bandwidth	256Mbps
IP Video Input Resolution	12MP / 9 MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 1280 × 1024 / 960p / 720p / 960H / D1 / CIF
Output	HDMI1 : 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
Compression	H.265S/H.265+/H.265/H.264
Multi-screen Display	Main output: 1/4/6/8/9/13/16/25/32/36 (live view) AUX output: 1/4/6/8/9 (live view) Max. 32+9CH local live view

Face Recognition

Face Detection Performance (AI by IPC)	32 CH
Face Detection Performance (AI by Device)	2 CH (2MP)
Comparison Capability	18 pictures / second
Face Picture Database	32 libraries, 5000 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 successful face recognition alarm and stranger match alarm
Face Track	Yes
Statistic Graph of Face Information	Bar graph
Statistic Mode of Face Information	Statistics by day, week, month, quarter as well as customised time period

Perimeter Protection

Human/Vehicle Classification (AI by IPC)	32CH
Human/Vehicle Classification (AI by Device)	2CH (2MP)

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 12MP/4CH 1080P

Alarm

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

Record

Record Stream	Dual stream recording
Resolution	12MP / 9MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280×1024 / 960P / 720P / 960H / D1 / CIF
Frame Rate	12MP: 20fps; 9MP or lower resolution: NTSC: 30fps; PAL: 25fps

Audio

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

PoE

PoE Port	RJ 45 100Mbps × 16
Standard	IEEE802.3AF/AT
Output Power	≤ 150W

Mobile Device

OS	iOS, Andriod

Backup & Storage

Local Backup	USB stick, USB mobile HDD
Network Backup	Yes
Storage	HDD: SATA × 8, max 10T per HDD; E-SATA × 1

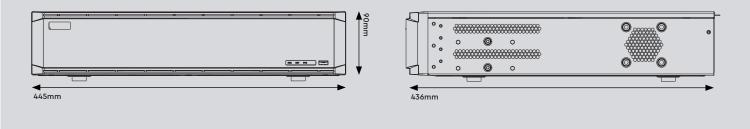genie

Network

Interface	RJ 45 1000 Mbps × 2
Protocol	TCP / IP, HTTP, HTTPs, 802.1X, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP
Client Connection	Max. 128 users access

External Interface

RS 485	Yes (full-duplex), connect to PTZ or keyboard
USB	USB 3.0 × 1 ; USB 2.0 × 2
Remote Controller	Optional

Others

Other Functions	Fisheye: Supports fisheye dewarping via Web Client and mobile App Plate Recognition: Yes
Video Metadata	Human/Vehicle Attribute Analysis (AI by IPC)
Power Supply	ATX 300W(PoE)
Consumption	≤ 30W (without HDD and PoE power supply)
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE
Working Environment	-10 ~ 50°C, 10% ~ 90% (Humidity)
Dimensions	445 × 436 × 90 mm

Dimensions

90mm

445mm

436mm

genie