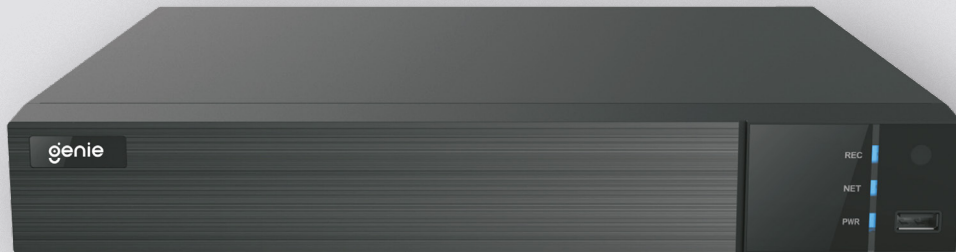


WNVR416P5AI

NETWORK VIDEO RECORDER

PoE 16 Channel H.265 8MP NVR with 4HDD Bays, Facial Recognition and LPR



Key Features

- Supports 16 channel 8MP, 5MP, 4MP, 3MP, 1080p, 960p and 720p IP input
- H265S/H265+/H265/H264 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, smart and face database search
- Supports face detection and comparison
- Supports POS information overlay on live view and playback
- 4K output, true high resolution display
- Supports multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Express and flexible backup via USB, network and so on
- Pentaplex : preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web Client or CMS: Preview, playback, backup, PTZ and configuration
- 16 PoE network ports, PoE power supply supported
- Multi-user online simultaneously
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Authorisation management, log view and device status view
- Supports PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Supports NAT function and QR Code scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS
- HTML5 compatible browser support with firmware version 1.4.5 and above

The Genie **WNVR416P5AI** is a 16 channel high definition 8MP network video recorder with 4HDD bays. The **WNVR416P5AI** also supports face recognition when used in conjunction with any "Xpert" range of face recognition and LPR IP cameras. The **WNVR416P5AI** 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 **WNVR416P5AI** 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

IP Video Input	16 channel IPC input
Incoming Bandwidth	160Mbps
Outgoing Bandwidth	160Mbps
IP Video Input Resolution	8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 1280×1024 / 960p / 720p / 960H / D1 / CIF
Output	HDMI × 1 : 3840×2160 @ 60fps / 3840×2160 @ 30fps / 1920×1080 / 1280×1024 / 1024×768 VGA × 1 : 1920×1080 / 1280×1024 / 1024×768
Compression	H.265S/H.265+/H.265/H.264

Face Recognition

Channel	16 CH
Face Picture Database	32 libraries, 5000 face pictures
Computing Capability	180 pictures / minute
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
External Face Picture Enrolment	Resolution: 128×128~920×1080 Size: ≤ 70KB Format: jpg & jpeg
Face Picture Comparison	Supports allow list and block list alarm
Face Track	Yes
Map of Face Track	Resolution: 2560×1920 Size: ≤ 512KB Format: jpg & jpeg
Statistic Graph of Face Information	Bar graph
Statistic Mode of Face 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

Others

Other Functions	Fisheye: Supports fisheye dewarping via Web Client and mobile App Plate Recognition: Yes
Power Supply	ATX, 300W
Consumption	≤ 30W (Without HDD and PoE power supply)
Working Environment	-10~50°C, 10%~90% (Humidity)
Dimensions	440 × 390 × 70 mm

Bioaccess Sales Ltd. reserves the right to change specifications without notice. Please contact your representative to confirm current specifications.

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Network

Interface	RJ45 1000 Mbps × 1
PoE Port	RJ45 × 16 (IEEE802.3af, output power: ≤ 150W)
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, Onvif, etc.
Web Client	Max. 10 users access

Port

RS485	Yes (Full-duplex), Connect to PTZ or keyboard
USB	USB 2.0 × 1, USB 3.0 × 1 (One in the front panel and the other in the rear panel)
Remote Controller	Optional

Video Structure Analysis

Human/Vehicle Classification	Yes
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Alarm

Mode	Manual, Sensor, Motion, Exception, Smart events
Input	8 CH 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 per HDD

Record

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

Audio

Network Input	16 CH IPC audio input
Two-Way Audio	RCA × 1
Local Output	RCA × 1
Compression	G.711 (A/U)

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

Dimensions

