WNVRN18P5AI

NETWORK VIDEO RECORDER

PoE 8 Channel H.265 12MP NVR with 1HDD Bay and Facial Recognition

NDAA Compliant
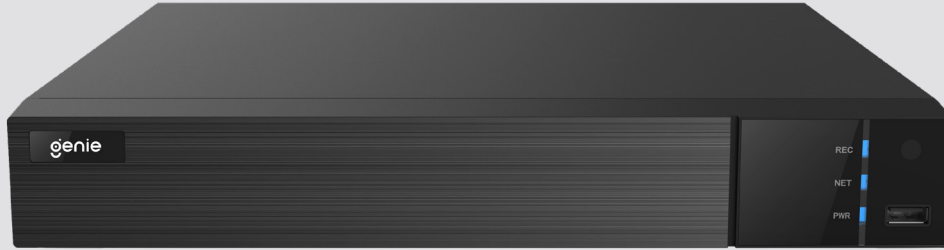
Key Features

- Supports 8 CH 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 1280×1024, 960p, 720p, 960H, D1, CIF IPC video 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 / Timer / Motion / Sensor / POS / AI recording
- Playback : 8CH simultaneous playback
- Supports face detection and comparison
- Search : Time slice, time, event, tag, smart and smart search
- Multi-user online simultaneously
- Authorisation management, log view and device status view

- Supports multiple VCA (Video Content Analytics) events, such as object abandoned/ missing, region intrusion, tripwire, video tampering, etc.
- Supports license plate recognition
- Supports POS information overlay on live view and playback
- 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

- 8 PoE network ports, PoE power supply supported
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- 4K output, true high resolution display
- 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

The Genie **WNVRN18P5AI** is an 8 channel PoE H.265 12MP NVR with 1 HDD bay, facial recognition and license plate recognition. The NVR supports 8 channel 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 1280 × 1024, 960p, 720p, 960H, D1 and CIF IP video input as well as 8 channel simultaneous playback.

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Specification

System

OS	Embedded Linux

Video

Input	8CH IPC input
Incoming Bandwidth	80Mbps
Output	HDMI : 3840×2160 / 1920×1080 / 1280×1024 / 1024×768 VGA : 1920×1080 / 1280×1024 / 1024×768
Resolution	12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 1280×1024 / 960p / 720p / 960H / D1 / CIF
Compression	H.265S/H.265+/H.265/H.264

Audio

Input	8 CH IPC audio input
Output	RCA x1
Two-Way Audio	RCA x1
Compression	G.711 (A/U)

Playback

Playback	Maximum 8CH (Simultaneous)
Search	Time slice / Time / Event / Tag 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	1CH 12MP / 4CH 1080p (Live View/Playback)

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.

Network

Interface	RJ45 1000Mbps x 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPs, 802.1x, RTSP, SNMP etc.
PoE Port	RJ45 × 8 (IEEE802.3af, output power: ≤80W)

Mobile Device

OS	iOS, Android

Record

Record Stream	Dual stream recording
Resolution	12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 1280×1024 / 960p / 720p / 960H / D1 / CIF
Frame Rate	12MP: 20fps, 8MP or lower: NTSC: 30fps, PAL: 25fps
Mode	Manual, Timer, Motion, Sensor, Smart events

Face Recognition

Channel	6CH
Face Picture Database	32 libraries, 10000 face pictures
Comparison Capability	18 pictures / second
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, 1920×1080 Size: ≤ 70KB, Format: jpg&jpeg
Face Picture Comparison	Supports allow list, block list 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

Backup & Storage

Local Backup	USB stick, USB mobile HDD
Network Backup	Yes
Storage	HDD: SATA x1, max 10T

Port

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

Others

Power Supply	DC48V/2.5A
Consumption	≤ 20W (Without HDD and PoE power supply)
Working Environment	-10~50°C, 10%~90% (Humidity)
Dimensions	300 × 249 × 45 mm

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Dimensions

45mm

300mm

248.5mm

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