NETWORK VIDEO RECORDER

PoE 16 Channel H.265 8MP NVR

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REC
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PWR

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NDAA
Compliant
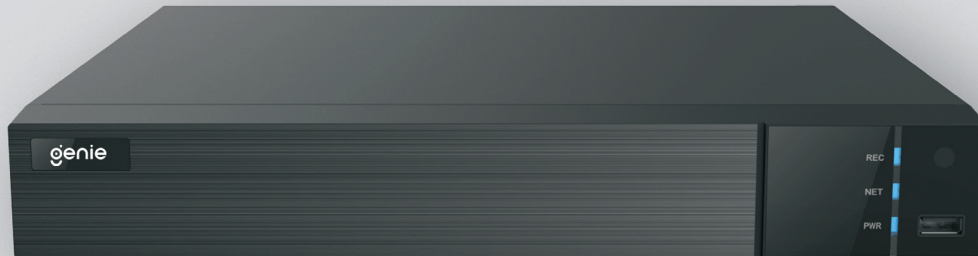
Key Features

- Support 16 CH 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/ 960H/DI/CIF IP video input
- Adopt standard H.265 and H.264 high profile compression format to get high-quality video at much lower bit rate
- 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 search

- Support multiple VCA (Video Content Analytics) events, such as object abandoned/ missing, region intrusion, tripwire, video exception, etc.
- Support 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 or CMS : preview, playback, backup, PTZ and configuration
- 16 PoE network ports; IPC can be directly

- connected to NVR; PoE power supply supported
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorization management, log view and device status view
- 4K output, true high resolution display
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

The Genie **WNVRN216P5V2** is a 16 channel PoE 8MP NVR. The NVR supports 16 channel 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 1280 × 1024, 960p, 720p, 960H, D1 and CIF IP video input as well as 16 channel simultaneous playback.

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Specification

System

OS	Embedded Linux

Video

Input	16 CH IPC input
Network Input Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280 ×1024/960P/720P/ 960H/D1/CIF
Output	HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024/ 1024 × 768 VGA: 1920 × 1080 / 1280 × 1024/ 1024 × 768
Screen Display Mode	1/4 /6/8/9/13/16
Compression	H.265S /H.265+ / H.265 / H.264

Audio

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

Record

Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280 ×1024/960P/720P/ 960H/D1/CIF
Frame Rate	NTSC:30fps; PAL:25fps

Playback

Simultaneous Playback	Max. 16 CH
Search	Time slice / time / event / tag / smart search
Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
Function	Play, pause, FF, FB, digital zoom, etc.
Decoding Capability	1×8MP@30fps; 6×1080P@30fps

Alarm

Mode	Manual, sensor, motion, exception, smart events
Input	Supports IPC alarm input
Output	Supports IPC alarm output
Triggering	Record, Snap, Preset, E-mail, etc.

Mobile Device

OS	iOS, Android

Network

Interface	RJ 45 × 1 (10/100/1000Mbps)
Protocol	TCP / IP, IPv4, IPv6, UDP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, HTTP, SMTP, HTTPs, 802.1x, RTSP, RTP, RTCP, WebSocket, SNMP, IGMP, ONVIF
Incoming/Outgoing Bandwidth	160/160(Mbps) *When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR.
Client Connection	Max. 64 users access

Face

Face Detection Performance (AI by IPC)	16 CH
Face Detection Performance (AI by Device)	2 CH
Face Match Performance	No
Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period

Video Structure Analysis

Human/Vehicle Classification (AI by IPC)	16 CH
Human/Vehicle Classification (AI by Device)	2 CH
Human/Vehicle Attribute Analysis	Yes (AI by IPC)

Other Functions

Fisheye	Supports fisheye dewarping via Web Client and mobile APP
Plate Recognition (AI by IPC)	Yes

Backup & Storage

Local Backup	U disk, USB mobile HDD
Network Backup	Yes
Storage	SATA3.0 × 2, max 10T

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Port

USB	USB 2.0 × 2
Remote Controller	Optional
PoE Ports	100M RJ45 × 16

Others

PoE	Standards: IEEE802.3AF/AT Output Power: ≤ 150W
Power Supply	DC 48V/3.75A
Consumption	≤ 10W (without HDD)
Dimensions	380 × 268× 45 (W × D × H)
Working Environment	-10~50 ℃, 10% ~ 90% humidity
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE

Dimensions

45mm

380mm

268mm

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