

WNVR8645

NETWORK VIDEO RECORDER

64 Channel 8MP NVR with 8HDD Bays, H.265



Key Features

- Supports 64 CH 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 720p input
- H.265S, H.265+, H.265, H.254 high profile compression
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-mode recording: Manual / Timed / Motion / Sensor / POS / AI recording and Smart search
- Supports POS information overlay on live view and playback Playback : 16 CH simultaneous playback
- Search : Time slice, Time, Event, Tag, Smart search
- Authorisation management, log view and device status view
- Pentaplex : Preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Multi-user online simultaneously
- Remote control via Web Client or CMS: Preview, playback, backup, PTZ and configuration
- Supports RAID0, RAID1, RAID5, RAID6, RAID10
- Express and flexible backup via USB, network and so on
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- 4K UHD output at up to 60Hz Supports PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Supports NAT function and QR Code scanning by mobile phones
- Powerful iOS and Android smartphone and tablet surveillance with push notifications
- Supports multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.

The Genie **WNVR8645** is a 64 channel ultra-high definition 4K network video recorder. network video recorder with 8 HDD bays. The **WNVR8645** features up to 16 channel simultaneous playback as well as two independently configurable gigabit ethernet Lan ports. The NVR can support the latest H.265 and H.264 encoding streams. The **WNVR8645** NVR has a dedicated iPhone and Android App (Super Live Plus) and are supplied with free Windows / MAC CMS software.



Specification

System

OS Embedded Linux

Video

Network Input	64 CH IPC input
Incoming Bandwidth	320Mbps
Outgoing Bandwidth	320Mbps
Network Input Resolution	12MP / 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 HDMI 2: 1920×1080 / 1280×1024 / 1024×768 VGA x 1: 1920×1080 / 1280×1024 / 1024×768
Compression	H.265S / H.265+ / H.265 / H.264
Multi-Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16 / 25 / 32 / 36 / 64

Audio

Network Input	64 CH IPC audio input
Two-Way Audio	RCA x 1
Local Output	RCA x 1
Compression	G.711(U/A)

Record

Record Stream	Dual stream recording 12MP @ 20fps, 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 1280×1024 / 960p / 720p / 960H / D1 / CIF @ 30fps (NTSC) / 25fps (PAL)
Resolution	
Mode	Manual / Timed / Motion / Sensor / POS / AI recording

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 refer to different record events.
Function	Play, Pause, FF, FB, Digital Zoom, etc.
Decoding Capability	1CH 12MP / 4 CH 5MP / 9 CH 720p / 16CH 720p (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.

Mobile Device

OS iOS, Android

Video Structure Analysis

Human / Vehicle Classification Yes

Network

Interface	RJ45 10 / 100 / 1000 Mbps x 2
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, ONVIF, etc.
Client Connection	Maximum 20 users access

Port

RS485	USB2.0 × 2, USB3.0 × 1
USB	Yes (full-duplex), connectors for PTZ and keyboard
Remote Controller	Yes

Backup

Local Backup	USB stick, USB mobile HDD
Network Backup	Yes

Storage

HDD	SATA×8, up to 8TB per HDD; E-SATA×2
RAID	RAID0, RAID1, RAID5, RAID6, RAID10

Remote Monitoring

Immix	Compatible with Immix via RTSP only (2-way audio not supported)
Sentinel	Yes, Firmware 1.1.0 or later

Others

Fisheye	Supports fisheye dewarping via Web Client and mobile App
Plate Recognition	Yes
Power Supply	ATX 250W
Consumption	≤ 30W (without HDD)
Working Conditions	-10~50°C, 10%~90% humidity
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE
Dimensions	445 × 436 × 90 mm

Dimensions

