

WNVRN8645OAI

NETWORK VIDEO RECORDER

64 Channel 16MP NVR with 8HDD Bays, H.265



Key Features

- Support 64CH 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF IP 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, smart and target database search
- Support face detection and comparison
- Support multiple VCA (Video Content Analytics) events, such as region intrusion, tripwire, etc.
- Support OS information overlay on live view and playback
- Support RAID 0, 1, 5, 6, 10
- Express and flexible backup via USB, network and so on
- Preview, record, playback, backup and remote access are supported
- DHCP, DDNS, PPPoE network protocol, etc.
- Compatible with third-party IPCs, such as ONVIF
- Remote control via Web Client or CMS: preview, playback, backup, PTZ and configuration
- Multi-user online simultaneously
- Authorization management, log view and device status view
- 8K output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QR Code scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

The Genie **WNVRN8645OAI** is a 64 channel ultra-high definition 4K network video recorder. network video recorder with 8 HDD bays.

The **WNVRN8645OAI** 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 **WNVRN8645OAI** 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 640Mbps
Outgoing Bandwidth 640Mbps
Network Input Resolution 16MP / 12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 1280×1024 / 960p / 720p / 960H / D1 / CIF
Output HDMI1: 7680×4320@60
7680×4320@30 3840×2160@60
3840×2160@30
1024×768 (When the resolution of HDMI1output is 8K, HDMI2 is unavailable and the maximum resolution of HDMI3 output is 1920×1080)
HDMI2: 3840×2160@60
3840×2160@30 1920×1080
1280×1024 1024×768
HDMI3: 3840×2160@60
3840×2160@30 1920×1080
1280×1024 1024×768
HDMI4: 1920×1080 1280×1024
1024×768
VGA×1: 1920×1080 1280×1024
1024×768 (VGA and HDMI1 output the same video source)
Compression H.264 / H.265 / H.265+ / H.265S

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

Resolution 16MP / 12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 1280×1024 / 960p / 720p / 960H / D1 / CIF @ 30fps (NTSC) / 25fps (PAL)

Playback

Simultaneous Playback Max 16 CH
Search Time slice / Time / Event / Tag / Smart search
Function Play, Pause, FF, FB, Digital Zoom, Previous Frame, Next Frame, etc.
Decoding Capability 1CH 16MP@30 4 CH 12MP / 1CH 16MP@30 4CH 8MP (Live View / Playback)

Alarm

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

Face

Face Detection Performance (AI by IPC) 64CH
Face Detection Performance (AI by Device) 4ch (4MP)
Face Match Performance 16CH
Comparison Capability 36 pictures/second
Face Picture Database 32 libraries
10000 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 Supports successful face recognition alarm and stranger match alarm
Track Track display on a map
Statistical Graph of Information Bar graph
Statistical Mode of Information Statistics by day, week, month, quarter as well as customized time period

Perimeter Protection

Human/Vehicle Classification (AI by IPC) 64CH
Human/Vehicle Classification (AI by Device) 8CH (2MP)
Human/Vehicle Attribute Analysis (AI by IPC) Yes

Network

Interface RJ45 10 / 100 / 1000 Mbps x 2
Protocol TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
Client Connection Maximum 128 users access

Mobile Device

OS iOS, Android

Storage

HDD SATA×8, max 10TB per HDD
RAID RAID0, RAID1, RAID5, RAID6, RAID10
E-SATA Interface 2

Port

RS485 Yes (full-duplex), connect to PTZ or keyboard
USB USB3.0×1 USB2.0 ×2 (Front:1)
Remote Controller Optional

Others

Fisheye Supports fisheye dewarping via Web Client and mobile App
Plate Recognition Yes
Power Supply ATX-200W
Consumption ≤ 50W (without HDD)
Working Conditions -10~50°C, 10%~90% humidity
Certificate CE, FCC
Environmental Protection Complies with Directive EU RoHS, 94/62/EC, REACH and WEEE
Dimensions 445 × 436 × 90 mm

Dimensions

