

# VST-NVR3964E8-P16-J

64CH 2U 8HDD 4K NVR with 16CH PoE



## Key Features

- Up to 64ch IP cameras inputs
- Up to 384 Mbps incoming bandwidth
- Up to 12MP resolution for preview and playback
- Support face recognition and multi-objective recognition
- 8 SATA hard disk each up to 12TB
- Support RAID 5/6/10
- Support 2 HDMI and 1 VGA interface
- 2 RJ45 10M/100M/1000M network interface
- Plug & Play with 16 PoE interface

# Specification

| Video Input             |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IP Camera Input         | 64 Channel                                                                                                                                                            |
| Incoming Bandwidth      | 384Mbps                                                                                                                                                               |
| Outgoing Bandwidth      | 384Mbps                                                                                                                                                               |
| Video Output            |                                                                                                                                                                       |
| HDMI 1 Output           | 3840×2160, 1920×1080, 1280×1024, 1024×768                                                                                                                             |
| HDMI 2 Output           | 1920×1080, 1280×1024, 1024×768                                                                                                                                        |
| VGA Output              | 1920×1080, 1280×1024, 1024×768                                                                                                                                        |
| Different Source Output | Support                                                                                                                                                               |
| Decoding Capacity       | 1ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P, 32ch D1, 64ch D1                                                                                                              |
| Dual Stream             | Support                                                                                                                                                               |
| Multi-screen Display    | 1st Screen: 1/4/8/9/16/32/36/64<br>2nd Screen: 1/4/8/9/16                                                                                                             |
| AI Recognition          |                                                                                                                                                                       |
| Face Comparison         | Real-time captured and display faces comparison results (registrant (name and ID), stranger, channel, similarity)                                                     |
| Multi-objective         | Real-time captured and display vehicle, human body, non-motor vehicle, license plates image, and faces comparison results (registrant, stranger, channel, similarity) |
| Smart Search            | Time, Properties, Pictures, Gender, Cycling style, Vehicle color, License plate                                                                                       |
| Trigger Events          | Buzzer, Alarm push, Alarm prompt, Email, Alarm Out, Compare the result simultaneously, etc.                                                                           |
| Recoding                |                                                                                                                                                                       |
| Resolution              | 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.                                                                                                                   |
| Recording Mode          | Manual, Schedule (Regular, Continuous), Event                                                                                                                         |
| Trigger Events          | Motion Detection, Video Loss, Alarm in, IVS                                                                                                                           |
| Playback and Backup     |                                                                                                                                                                       |
| Sync Playback           | 16/9/4/1                                                                                                                                                              |
| Search Mode             | Time /Date, Alarm, Picture grid, Event                                                                                                                                |
| Backup Mode             | USB Device, Network, eSATA                                                                                                                                            |
| Alarm                   |                                                                                                                                                                       |
| General Alarm           | Motion Detection, Video Loss, IVS, Alarm in, Alarm out                                                                                                                |
| Abnormal Alarm          | Disk Alarm, IP Address Conflict, Network Disconnect                                                                                                                   |
| Intrusion Detection     | Support the accurate detection of vehicle and human                                                                                                                   |

| Network              |                                                                                                                    |
|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Network Function     | HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE |
| Remote Users         | 16 users                                                                                                           |
| P2P                  | Support                                                                                                            |
| Interoperability     | ONVIF, SDK                                                                                                         |
| Network Interface    | 2 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port                                                            |
| PoE                  |                                                                                                                    |
| Interface            | 16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces                                                             |
| Power                | ≤ 140 W                                                                                                            |
| Standard             | IEEE 802.3 af/at                                                                                                   |
| Disk Array           |                                                                                                                    |
| Array Type           | RAID 5, RAID 6, RAID 10                                                                                            |
| HDD                  | 8 SATA Ports, up to 12TB capacity for each disk                                                                    |
| eSATA                | 1 eSATA Interface                                                                                                  |
| Interface            |                                                                                                                    |
| Audio In/Out         | 1/1                                                                                                                |
| Alarm In/Out         | 16/6                                                                                                               |
| USB Interface        | 4 ports (Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0)                                                        |
| RS485 Interface      | 1 Port                                                                                                             |
| RS232 Interface      | 1 Port                                                                                                             |
| Reset Button         | Built-in                                                                                                           |
| General              |                                                                                                                    |
| Power Supply         | AC100 ~ 240V                                                                                                       |
| Power Consumption    | < 15 W (without HDD)                                                                                               |
| Operating Conditions | -10 °C ~ 50 °C (14 °F ~ 122 °F)                                                                                    |
| Storage Conditions   | Less than 90% RH                                                                                                   |
| Certifications       | CE/FCC                                                                                                             |
| Dimensions           | 440 × 433.5 × 93 mm (17.32 × 17.1 × 3.66 inch)                                                                     |
| Net Weight           | 7.2 kg (15.87 lb) without HDD                                                                                      |

Dimensions (mm)

