

## 32/64CH NVR

16MP/12MP/8MP/6MP/4MP/3MP/1080P/720P HD NVR



VTD-3532H8-A3H

VTD-3564H8-A3H



This series supports 32/64CH 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280 × 1024/960P/720P high definition IP video input, which adopts the advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system. This series supports 32/64 CH IP input, simultaneous 16 CH playback, and 8K high definition display. So it can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.



## Features

- Support 32/64CH 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, Hikvision, etc.
- 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 Andriod OS

## Specifications

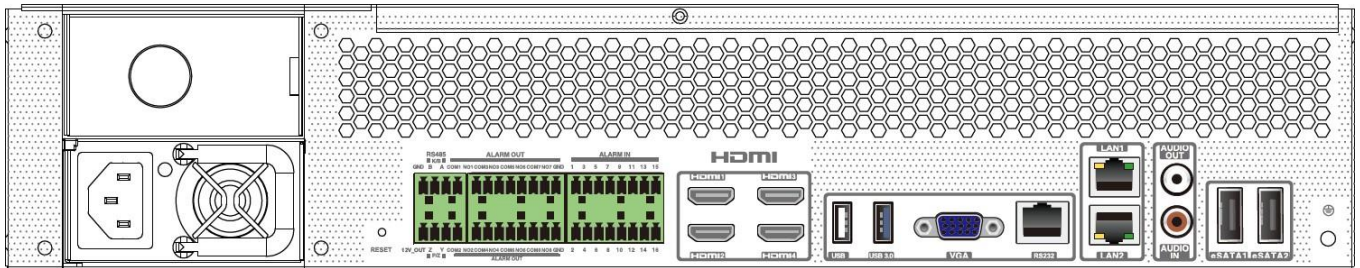
| Model         |                   | VTD-3532H8-A3H   | VTD-3564H8-A3H                         |
|---------------|-------------------|--|--|
| <b>System</b> | OS                | Embedded Linux   |  |
| <b>Video</b>  | IP Video Input    | 32   | 64                                     |
|               | Network Bandwidth | Incoming: 320Mbps<br>Outgoing: 320Mbps   | Incoming: 640Mbps<br>Outgoing: 640Mbps |
|               | Resolution        | 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF  |  |
|               | Output            | HDMI1: 7680×4320@60, 7680×4320@30, 3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 (When the resolution of HDMI1output is 8K, HDMI2 is unavailable and the maximum resolution of HDMI3 output is 1920×1080)<br>HDMI2: 3840×2160@60 3840×2160@30 1920×1080 1280×1024, 1024×768<br>HDMI3: 3840×2160@60 3840×2160@30 1920×1080 1280×1024, 1024×768<br>HDMI4: 1920×1080 1280×1024, 1024×768<br>VGA×1: 1920×1080, 1280×1024, 1024×768 (VGA and HDMI1 output the same video source) |  |

|                                 |   |  |  |
|---------------------------------|---|--|--|
|                                 | Multi-screen Display  | Main output: 1/4/6/8/9/13/16/25/32/36<br>AUX output 1: 1/4/6/8/9/13/16/25/32/36<br>AUX output2: 1/4/6/8/9/13/16<br>AUX output 3: 1/4/6/8/9/13/16<br>Max. 96(32+32+16+16) | Main output: 1/4/6/8/9/13/16/25/32/36/64<br>AUX output 1: 1/4/6/8/9/13/16/25/32/36<br>AUX output2: 1/4/6/8/9/13/16<br>AUX output 3: 1/4/6/8/9/13/16<br>Max. 132(64+36+16+16) |
|                                 | Compression   | H.264/H.265/H.265+/H.265S  |  |
| <b>Audio</b>                    | Network input   | 32   | 64   |
|                                 | Local Input   | RCA×1 (for two-way talk)   |  |
|                                 | Local Output  | RCA×1  |  |
|                                 | HDMI Audio Output   | Support  |  |
|                                 | Compression   | G.711(U/A)   |  |
| <b>Record</b>                   | Resolution  | 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF  |  |
|                                 | Frame Rate  | N:30fps; P:25fps   |  |
| <b>Playback</b>                 | Simultaneous Playback   | 16CH   |  |
|                                 | Search  | Time slice/time/event/tag/smart search   |  |
|                                 | Function  | Play, pause, FF, Rewind, digital zoom, previous frame, next frame, etc.  |  |
| <b>Decoding Capability</b>      | Live View   | 1×16MP@30 / 4×12MP (only available for main output)  |  |
|                                 | Playback  | 1×16MP@30 / 4×8MP(only available for main output)/   |  |
| <b>Alarm</b>                    | Mode  | Manual, sensor, motion, exception, smart events, etc.  |  |
|                                 | Input   | 16CH   |  |
|                                 | Output  | 8CH  |  |
|                                 | Triggering  | Record, snapshot, preset, e-mail, etc  |  |
| <b>Face</b>                     | Face Detection Performance (AI by IPC)                                    | 32CH   | 64CH   |
|                                 | Face Detection Performance (AI by Device)                                 | 4CH(4MP)   |  |
|                                 | Face Match Performance  | 16CH   |  |
|                                 | Comparison Capability   | 36 pictures/second   |  |
|                                 | Face Picture Database   | 32 libraries<br>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 |  |  |
| <b>Perimeter Protection</b>     | Human/Vehicle Classification (AI by IPC)                                  | 32CH   | 64CH   |
|                                 | Human/Vehicle Classification (AI by Device)                               | 8CH(2MP)   |  |
| <b>Video Metadata</b>           | Human/Vehicle Attribute Analysis (AI by IPC)                              | Yes  |  |
| <b>Other Functions</b>          | Fisheye   | Supports fisheye dewarping via NVR/Web Client/mobile APP   |  |
|                                 | Plate Recognition (AI by IPC)   | Yes  |  |
| <b>Network</b>                  | Protocol  | TCP/IP, HTTP, HTTPS, 802.1x, FTP,DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP   |  |

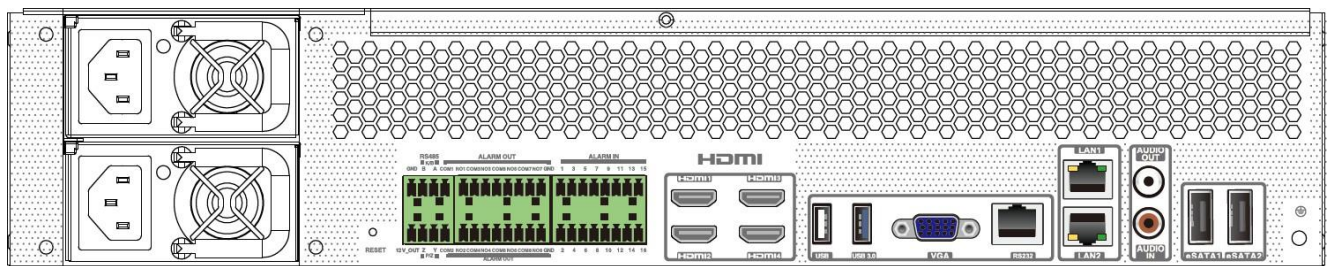
|                      |                          |  |
|----------------------|--------------------------|--|
|                      | Interface                | RJ45 10/100/1000Mbps ×2  |
|                      | Client Connection        | Max. 128 users access  |
| <b>Mobile Device</b> | OS                       | iOS, Andriod   |
| <b>Storage</b>       | HDD Interface            | SATA×8, max 10TB per HDD   |
|                      | RAID Type                | RAID0,1,5,6,10   |
|                      | E-SATA Interface         | 2  |
| <b>Port</b>          | USB                      | USB3.0×1; USB2.0 ×3(Front:2);  |
|                      | RS485                    | Yes (full-duplex)  |
|                      | RS232                    | Yes  |
|                      | Reset                    | Yes  |
|                      | 12V Output               | Yes (1A)   |
|                      | Remote Controller        | Optional   |
| <b>Others</b>        | Power                    | Single or redundant, AC100V~240V   |
|                      | Consumption              | ≤50W (without HDD)   |
|                      | Dimensions               | 560×437.2×88mm   |
|                      | Certificate              | CE,FCC, BIS, UL  |
|                      | Environmental Protection | Directive EU RoHS, WEEE(2012/19/EU), Directive 94/62/EC and REACH(EC1907/2006) |
|                      | Working Environment      | -10~50°C; Humidity: 10%~90%  |

## Rear Panel

Rear panel for single power supply



Rear panel for redundant series



## Dimensions

