# 8CH NVR

## 12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P HD NVR

## VTD-3308H1-A2

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4K Output | HD IPC | DDNS | Network | PTZ | Audio | MIC | Mobile | CMS | USB | Mouse | E-mail | STD | FR | VCA |

VTD-3308H1-A2 supports 8 CH 12MP / 8MP / 6MP /5MP / 4MP / 3MP / 1080P / 1280x1024/960P/ 720P high definition IP input, which adopts the advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system.

VTD-3308H1-A2 supports 8 CH IPC input , simultaneous 8 CH playback, and 4K high definition display. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

RoHS  CE  FC

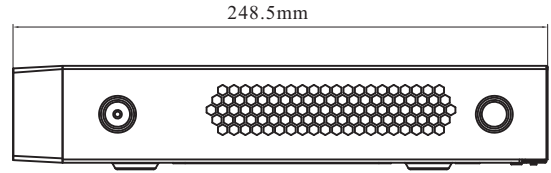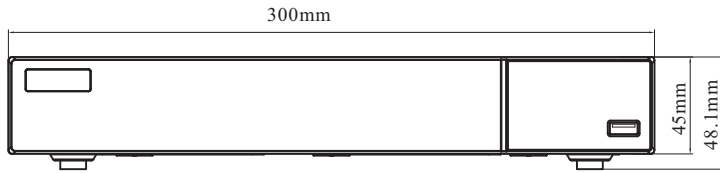## SPECIFICATIONS

| | Model | VTD-3308H1-A2 |
|---|---|---|
| System | OS | Embedded Linux |
| Video | Compression | H.265S/H.265+/H.265/H.264 |
| | IP Video Input | 8CH IPC input |
| | Resolution | 12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/ 720P/960H/D1/CIF |
| | Network Bandwidth | 80Mbps/80Mbps (incoming/outgoing) |
| | Output | HDMI1 : 3840 × 2160/1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI2 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA ×1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA and HDMI1 output the same video source |
| Audio | Network Input | 8 CH IPC audio input |
| | 2-way Audio | RCA × 1 |
| | Local Output | RCA × 1 |
| | Compression | G.711(U/A) |
| Record | Record Stream | Dual stream recording |
| | Resolution | 12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/ 720P/960H/D1/CIF |
| | Frame Rate | NTSC: 30fps; PAL: 25fps |
| Playback | Simultaneous Playback | Max 8 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 | Live View/ Playback | 1CH 12MP/4CH 1080P |
| Multi-Screen Display Mode | Mode | Dual output mode (default mode): supports HDMI2 output, but doesn't support AI by device AI mode: HDMI2 output and 12MP video input (live view/playback) are unavailable, but 8MP video input supports |
| | Dual Output Mode | 8CH (HDMI1) +8CH (HDMI2) |
| | AI Mode | 8CH(HDMI1) |
| Alarm | Mode | Manual, sensor, motion, exception, smart events, etc. |
| | Input | 8 CH local alarm input |
| | Output | 4 CH |
| | Triggering | Record, snap, preset, e-mail, etc. |
| Face | Face Detection Performance (AI by IPC) | 8 CH |
| | Face Detection Performance (AI by Device) | 2 CH (2MP) |
| | Face Match Performance | 6 CH |
| | Comparison Capability | 18 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 allow list, block list and stranger match alarm |
| | Track | Track display on a map |
| | Statistical Graph of Information | Bar graph |

| | | |
|---|---|---|
| Face | Statistical Mode of Information | Statistics by day, week, month, quarter as well as customized time period |
| Video Structure Analysis | Human/Vehicle Classification | Yes |
| Other Functions | Fisheye | Supports fisheye dewarping via Web Client and mobile APP |
| | Plate Recognition | Yes |
| Network | Interface | RJ 45 1000 Mbps × 2 |
| | Protocol | TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPs, 802.1x, RTSP, SNMP, ONVIF |
| | Client Connection | Max. 10 users access |
| Mobile Device | OS | iOS, Andriod |
| Storage | HDD Interface | SATA × 1, max 10T |
| Backup | Local Backup | U disk, USB mobile HDD |
| | Network Backup | Yes |
| External Interface | RS 485 | Yes (full-duplex), connect to PTZ or keyboard |
| | USB | USB 3.0 × 1 ; USB 2.0 × 2 |
| | Remote Controller | Optional |
| Others | Power Supply | DC12V/2A |
| | Consumption | ≤ 20W ( without HDD ) |
| | Certificate | CE, FCC,UL,BIS |
| | Environmental Protection | Complies with Directive EU RoHS, REACH and WEEE |
| | Dimensions(mm) | 300 × 249 × 45 ( W × D × H ) |
| | Working Environment | -10～50℃，10%～90% humidity |

## FEATURES

- Supports 8 CH 12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/ 720P/960H/D1/CIF IPC Input
- H.265S/H.265+/H.265/H.264
- Intuitive and user-friendly Graphic User Interface ( GUI ), Windows style operation by mouse
- Multi-type recording: manual / timed / motion / sensor / POS / AI recording
- Playback : 8 CH simultaneous playback
- Search : time slice, time, event, tag and smart search
- Supports face detection and comparison
- Supports multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Supports license plate recognition
- Supports POS information overlay on live view and playback
- Pentaplex : preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Compatible with third-party IPCs, such as ONVIF, Hikvision, etc.
- Remote control via Web Client or CMS : preview, playback, backup, PTZ  and configuration
- 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
- Supports PTZ preset and auto cruise, up to 255 presets  and 8 cruises
- Supports NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Andriod OS

## DIMENSIONS

300mm

45mm
48.1mm

248.5mm

## REAR PANEL

RS485   ALARM OUT        ALARM IN
K/B
B   A   COM1   NO1   COM3   NO3   GND   1   3   5   7

AUDIO OUT

LAN1

VGA

Z   Y   COM2   NO2   COM4   NO4   GND   2   4   6   8
P/Z

AUDIO IN

LAN2

HDMI1       HDMI2       USB 3.0   USB   DC12V

*All pictures and specifications are for reference only and are subject to change without prior notice.