TVT

Secure The World With You

NVR

# 8CH PoE NVR

## 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/720P HD NVR



TD-3308H2-8P-B3-XS

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

This series of multi-channel large-model NVR products is a high-end video surveillance analysis device that integrates cutting-edge artificial intelligence technologies and efficient data processing capabilities. Positioned to address surveillance challenges in large-scale and complex scenarios, it aims to provide one-stop intelligent surveillance solutions for users across various industries, transforming traditional surveillance from simple video recording into a comprehensive security management model featuring intelligent perception, precise analysis and rapid retrieval.

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For more information, please visit our website


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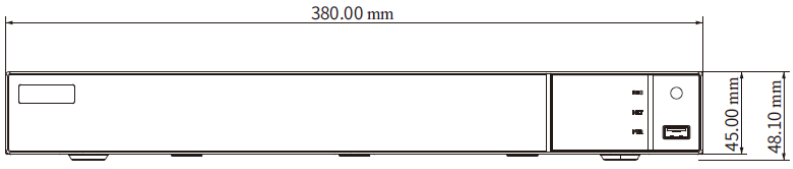
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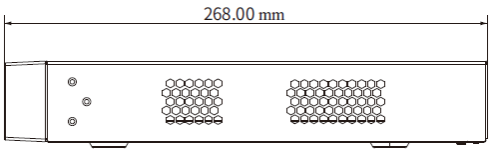
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## Features

- Support 8CH 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/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: 8 CH simultaneous playback
- Support face detection and comparison
- Support time-sliced, time, event, tag, and target search
- Support PicSearch and TextSearch. Based on multimodal large models, it enables rapid matching between semantics and images with second-level response speed.
- Support multiple VCA (Video Content Analytics) events, such as region intrusion, line crossing, etc.
- Support OS information overlay on live view and playback
- 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
- 4K output, true high-resolution display
- Support 8CH PoE IPC direct connection to NVR via PoE ports
- 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

## Dimensions



## Specifications

| Model | | TD-3308H2-8P-B3-XS |
|---|---|---|
| **System** | OS | Embedded Linux |
| **Video** | IP Video Input | 8CH |
| | Network Bandwidth | Incoming: 160Mbps/Outgoing: 160Mbps |
| | | *When the AI function of the IPC is enabled, the actual incoming bandwidth (max. bitrate) is more than the set value in the NVR. |
| | Resolution | 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF |
| | Output | HDMI1: 3840×2160, 1920×1080, 1280×1024, 1024×768<br>HDMI2: 1920×1080, 1280×1024, 1024×768<br>VGA×1: 1920×1080, 1280×1024, 1024×768 (VGA can be set to output the same or different video source with HDMI) |
| | Multi-screen Display | Main output: 1/4/6/8/9<br>AUX output: 1/4/6/8/9<br>Max.16 (8+8) |
| | Compression | H.264/H.265/H.265+/H.265S |
| **Audio** | Network input | 8CH |
| | Local Input | RCA×1 (for two-way talk) |
| | Local Output | RCA×1 |
| | Compression | G.711(U/A) |
| **Record** | Resolution | 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF |
| | Frame Rate | N:30fps; P:25fps |
| **Cloud Storage** | Number of Channels | 4CH |
| | Record | Resolution: 1080P/720P |
| | | Frame Rate: 15fps |
| | *AI by NVR: cloud storage not supported | |
| **Playback** | Simultaneous Playback | 8CH |
| | Search | Time-sliced/time/event/target/target search |
| | Function | Play, pause, FF, Rewind, digital zoom, previous frame, next frame, etc. |
| **Decoding Capability** | Live View/ Playback | AI off: 1×16MP@30fps, 4×8MP@30fps, 9×3MP@30fps<br>AI on: 1×16MP@30fps, 4×6MP@30fps, 9×2MP@30fps |
| **Alarm** | Mode | Manual, sensor, motion, exception, smart events, etc. |
| | Input | 8CH |
| | Output | 4CH |
| | Triggering | Record, snapshot, preset, e-mail, etc. |
| **Face** | Face Detection Performance (AI by IPC) | 8CH |
| | Face Detection Performance (AI by NVR) | 2CH (2MP) or 2CH (4MP) or 1CH (8MP) |
| | Face Match Performance | 6CH |
| | Comparison Capability | 18 pictures/second |
| | Face Picture Database | 32 libraries<br>Up to 1, 000 face pictures when each picture is ≤15KB |
| | 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) | 8CH |
| | Human/Vehicle Classification (AI by NVR) | 2CH (2MP) or 2CH (4MP) or 1CH (8MP) |
| **Video Metadata** | Human/Vehicle Attribute Analysis (AI by IPC) | Yes |
| **PicSearch** | AI by IPC | 8CH |
| | AI by NVR | 2CH (2MP) or 2CH (4MP) or 1CH (8MP) |
| **TextSearch** | AI by IPC | All Channels: IPCs enable the video metadata function: 280, 000 targets/day<br>All Channels: IVD IPCs: 150, 000 targets/day |
| | *Only support English | |
| **Other Functions** | Fisheye | Supports fisheye dewarping via NVR/Web Client/mobile APP |
| | Plate Recognition (AI by IPC) | Yes (License plate database: up to 5000 plate numbers) |
| **Network** | 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. 64 users access |
| **PoE** | PoE Port | RJ 45 100Mbps×8 |
| | Standard | IEEE802.3AF/AT |
| | Output Power | ≤ 120W |
| **Mobile Device** | OS | iOS, Andriod |
| **Storage** | HDD Interface | SATA3.0 × 2, max 16TB per HDD |
| **Port** | USB | USB3.0×1; USB2.0×2 |
| | RS485 | Yes (full-duplex) |
| | Remote Controller | Optional |
| **Others** | Power | DC48/3.75A |
| | Consumption | ≤ 20W (without HDD and PoE) |
| | Dimensions (mm) | 380 × 268 × 48.1 (W × D × H) |
| | Certificate | CE, FCC |
| | Environmental Protection | Directive EU RoHS, WEEE, and REACH |
| | Working Environment | -10~50℃; Humidity: 10%~90% |

## Rear Panel

