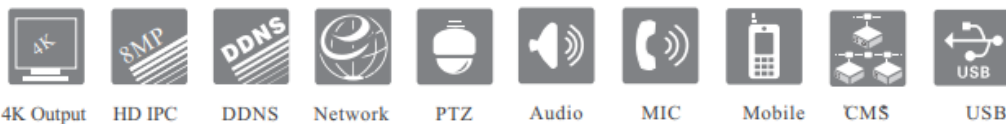




# ZTNX-EG8CH4K-FR

**ZTNX-EG8CH4K-FR supports 8 CH 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280 x 1024 / 960P / 720P high definition IP input, which adopts the most advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system.**

**ZTNX-EG8CH4K-FR supports 8 CH IP input, simultaneous 8CH playback, and 4K high definition display. The product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.**



## SPECIFICATIONS

| Model                               |   | ZTNX-EG8CH4K-FR  |
|-------------------------------------|---|--|
| System                              | OS  | Embedded Linux   |
| Video                               | Network Input   | 8 CH IPC input   |
|                                     | Incoming /Outgoing Bandwidth  | 80Mbps / 80Mbps  |
|                                     | Network Input Resolution  | 8MP/ 6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF   |
|                                     | Output  | HDMI × 1 : 1024×768 /1280×1024 / 1920×1080 / 3840×2160@30fps/3840×2160@60fps<br>VGA × 1 : 1024×768 /1280×1024 / 1920×1080      |
|                                     | Compression   | H.264 / H.265 / H.265+ / H.265S  |
| 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  | 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 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 8MP/ 4CH 1080P   |
| Alarm                               | Mode  | Manual, sensor, motion, exception, smart events  |
|                                     | Input   | 8 CH local alarm input; supports IPC alarm input   |
|                                     | Output  | 4 CH   |
|                                     | Triggering  | Record, snap, preset, e-mail, etc.   |
| Face                                | Channel   | 8 CH   |
|                                     | Face Picture Database   | 32 libraries<br>5000 Face Pictures   |
|                                     | Computing Capability  | 180 pictures / minute  |
|                                     | 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   |
|                                     | External face picture enrollment  | Resolution : 128 x 128 ~ 1920 x 1080<br>Size : ≤ 70KB<br>Format : jpg&jpeg   |
|                                     | Face Picture Comparison   | Supports allow list and block list alarm   |
|                                     | Face Track  | Yes  |
|                                     | Map of Face Track   | Resolution : ≤ 2560 x 1920<br>Size : ≤ 512KB<br>Format : jpg&jpeg  |
| Statistic Graph of Face Information | Bar graph, pie chart  |  |
| Statistic Mode of Face Information  | Statistics by day, week, month, quarter as well as customized time period |  |

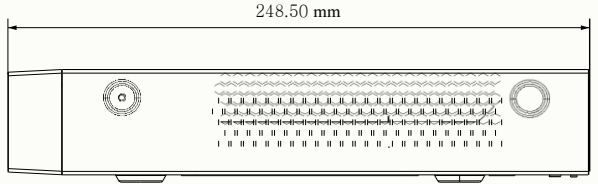
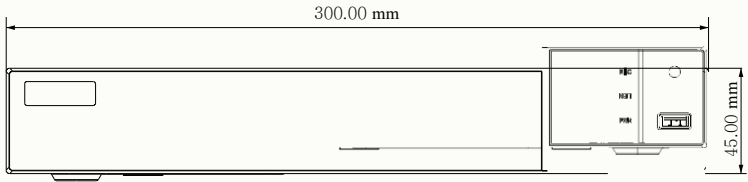
|               |                        |   |
|---------------|------------------------|---|
| Network       | Interface              | RJ45 1000 Mbps × 1  |
|               | Protocol               | TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, ONVIF, etc. |
|               | Client Connection      | Max.10 users access   |
| Mobile Device | OS                     | iOS, Andriod  |
| Storage       | HDD Interface          | SATA × 1, max 12T per HDD   |
| Backup        | Local Backup           | U disk, USB mobile HDD  |
|               | Network Backup         | Yes   |
| Port          | USB                    | USB 2.0 × 1, USB 3.0 × 1  |
|               | Remote Controller      | Optional  |
|               | RS 485                 | Yes (full-duplex), connect to PTZ or keyboard                                       |
| Others        | Power Supply           | DC12V/2A  |
|               | Consumption            | ≤ 10W ( without HDD )   |
|               | Dimensions(mm)         | 300 × 249 × 45 ( W × D × H )  |
|               | Working Environment    | -10 ~ 50°C, 10% ~ 90% humidity  |
|               | Certificate            | CE, FCC   |
|               | Environment Protection | Directive EU RoHS, WEEE(2012/19/EU), Directive 94/62/EC and REACH(EC1907/2006)      |

## FEATURES

- Supports 8 CH 8MP/ 6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF IP input
- H265S/H265+/H265/H264 coding
- Intuitive and user-friendly Graphic User Interface ( GUI ), Windows style operation by mouse
- Multi-mode recording: manual / timer / motion / sensor / smart events
- Playback : 8 CH simultaneous playback
- Search : time slice, time, event, tag, smart and target database 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 POS information overlay on live view and playback
- Express and flexible backup via USB, network and so on Pentaplex : preview, record, playback, backup and remote access DHCP, DDNS, PPPoE network protocol
- 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 HD 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**



**REAR PANEL**

