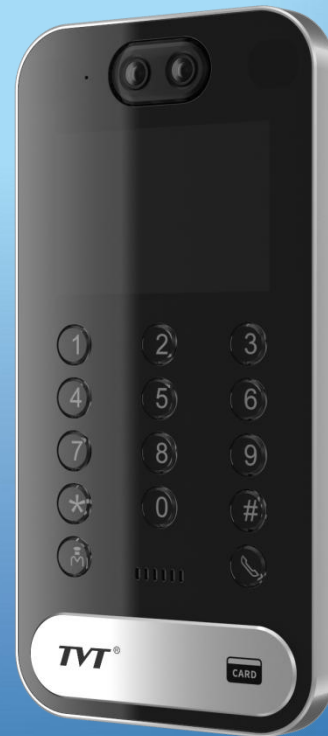


TD-E2223

Video Intercom Door Station



- 3.5 inch TFT screen
- 2MP (1920×1080) real-time H.265 coding
- Face recognition distance: 0.3m-2m
- Support face detection technology distinguishing real faces from non-real face spoof attacks
- Support 3D DNR, HWDR, BLC, HLC, Defog, etc.
- Support multiple door opening modes (by swiping card, by password, by face recognition, etc.)
- Support door opening by indoor station or by mobile APP
- Support copy-prevention for IC card; support IC card encryption
- Support anti-tampering alarm; support triggering alarms when the door is not secured or the door is broken by others
- Support calling indoor station/APP
- Support card reader access via RS485 interface
- Support 2.4G Wi-Fi; Support P2P function
- Support remote surveillance via mobile APP, web browser or tablet PC
- Intelligent analytics: video exception detection, face detection, face capture, face comparison
- IP67

Shenzhen TVT Digital Technology Co., LTD.

Address: 23rd Floor, Block B4, Building NO.9, Shenzhen Bay Eco-Technology Park, Nanshan District, Shenzhen, Guangdong Province, P.R. China

Tel: +86-755-36995888

Website: <http://en.tvt.net.cn>

Fax: +86-755-33104777

E-mail: overseas@tvt.net.cn

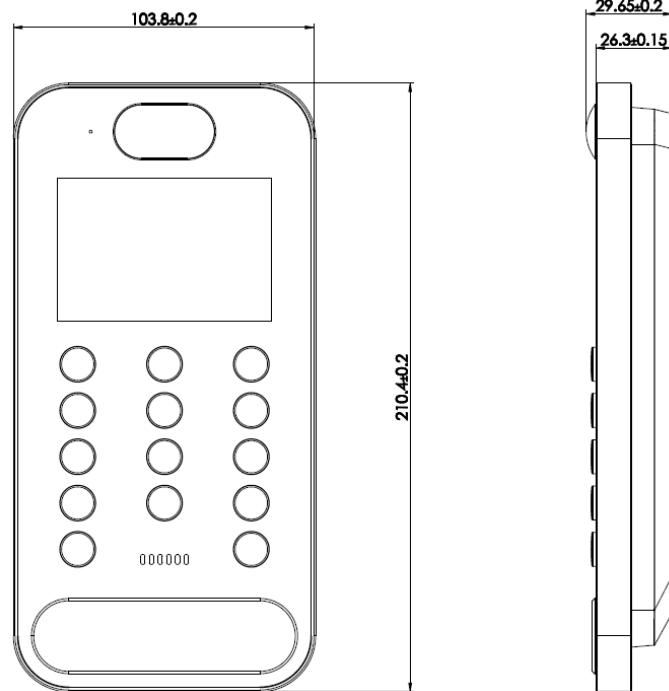
Specifications

| Model | TD-E2223-EM/IC/PE /WF |
|----------------------------|--|
| Camera | |
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Image Size | 1920×1080 |
| Electronic Shutter | Auto/Manual; Manual: 1/2s ~ 1/100000s |
| IRIS Type | Fixed IRIS |
| MIN. Illumination | Color: 0.0085lux@F1.2, AGC ON; B&W: 0 lux with IR |
| Lens | M8 HD dual lens: 2.3mm@F2.2 Vertical FOV: approx. 74°, Horizontal FOV: approx. 139°, Diagonal FOV: approx. 170° |
| WDR | 120dB |
| S/N Ratio | ≥50dB |
| BLC | Yes |
| HLC | Yes |
| Defog | Yes |
| DNR | 2D/3D NR |
| Image | |
| Video Compression | Main stream: H.265+/H.265/H.264+/H.264 Sub/third stream: H.265+/H.265/H.264+/H.264/MJPEG |
| H.264 Compression Standard | Baseline Profile/Main Profile/High Profile |
| Bit rate Type | VBR/CBR |
| Bit Rate | 64Kbps ~ 6Mbps |
| Resolution | 1080P(1920×1080), 720P(1280×720), D1, CIF, 480×240 |
| Main Stream | 1920×1080/1280×720(60Hz: 1~30fps; 50Hz: 1~25fps) |
| Sub Stream | 720P/D1/CIF(60Hz: 1~30fps; 50Hz: 1~25fps) |
| Third Stream | D1/CIF/480×240(60Hz: 1~30fps; 50Hz: 1~25fps) |
| Image Setting | Saturation, hue, brightness, contrast, wide dynamic range, sharpness, NR, etc., adjustable through client or web browser |
| Audio Compression | G711A/U |
| Screen | |
| 3.5 Inch TFT Screen | Resolution: 320 (RGB) ×480 |
| Brightness | 250cd/m ² |
| Auto sleeping | Support auto wakeup when detecting a person or wakeup by pressing a button |
| Card | |
| Card Type | Mifare card /Desfire card/FM1208 Card/Gicard /EM Card |
| Card Reading Protocol | ISO14443A/B protocol,EM41XX |
| Card Reading Frequency | 13.56MHz & 125KHz |
| Card Reading Duration | <1s |
| Card Reading Distance | 0~2cm |
| Card Capacity | 10000 |
| Interfaces | |
| Network | RJ45(10/100 Base-T) |
| Video Output | No |
| Audio | Built-in MIC×1, built-in speaker×1; support noise suppression and echo cancellation |
| Storage | 1CH built-in micro SD card, up to 256GB |
| Reset | Yes |
| RS485 | Yes (for card reader or access control system access) |
| Wiegand Interface | Yes (Wiegand input or output configurable) |
| Alarm | 2CH alarm input; 1CH alarm output |
| Door Lock Output | 2CH |
| Door Contact Input | 2CH |
| Exit Button | 2CH |
| Anti-Tamper Interface | 1CH |
| Swiping Card Area | Support IC card/EM card |
| Digital Buttons | Yes |
| Wi-Fi | Support 2.4G Wi-Fi function |
| Access Control | |

| | |
|----------------------------------|--|
| Personal Properties | Face picture, ID number, list type(group), name, gender, age, phone number, card ID, password, door opening mode, note |
| Door Opening Modes | By face recognition/swiping card/password/indoor station/APP |
| Schedule | Yes |
| Mask Detection | Yes |
| Secondary Door Station | Yes |
| Capacity | 50000 event items can be recorded |
| Function | |
| Remote Monitoring | Web client/indoor station/CMS remote control |
| Online Connection | Supports simultaneous monitoring for up to 10 users Supports multi-stream real time transmission |
| Network Protocol | UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, 802.1x, UPnP, HTTPS, Qos, SIP |
| Interface Protocol | ONVIF |
| Storage | Network remote storage, SD card storage |
| Intelligent Analytics | SD card error, SD card full, IP address conflict, network disconnection |
| General Function | Watermark, IP address filtering, heartbeat, illegal login |
| PoE | Yes (802.3af) |
| P2P | Yes, turn on by default |
| IR Distance | 0.3-2m |
| Protection Grade | IP67, IK04 |
| Network Security | Video encryption, firmware encryption, configuration encryption, Digest, illegal login lock, IP address filtering, HTTPS, 802.1x |
| Intelligent Analytics | |
| Intelligent Analytics | Face detection, face capture, face comparison |
| Face Detection | Pupil distance of a facial image over 20 pixel can be detected |
| Face Capture | Outputting the optimal face image by precise detecting, tracing, capturing, scoring and screening the moving faces |
| Original Image Capturing | Supports original image capturing and self-defined overlaid information (like device ID, time, etc.) |
| Face Picture Database | 10000 |
| Face Comparison Storage | Face pictures can be added, modified or deleted in the face database. |
| Face Picture Adding | Adding face pictures through WEB, NVR or NVMS |
| External Face Picture Enrollment | Size: less than 200KB, JPG/JPEG format |
| Face Comparison Alarm | Face detection alarm, allow list, block list and stranger alarm |
| Others | |
| Power | DC12V/PoE |
| Power Consumption | < 12W |
| Environmental Protection | RoHS 2.0, REACH, WEEE, directive94/62/EC |
| Working Environment | -20°C~60°C, Humidity: less than 95% (non-condensing) |
| Dimensions(mm) | Approx. 210mm × 104mm × 30mm |
| Weight (net) | Approx. 0.6 kg |
| Installation | Wall Mounting |

Dimensions

Unit (mm))



Accessory

Optional



TD-YZJ1008