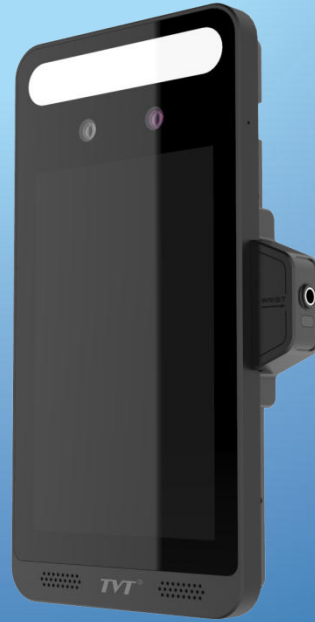# TD-E2128-B/TM

## 2MP HD Temperature Measurement & Face Recognition Terminal

- 8 inch LCD screen

- High-accuracy IR wrist temperature measurement

- Non-contact detection of wrist temperature

- Human-sounding voice prompt

- Real-time face mask detection

- Face liveness detection technology distinguishing real faces from non-real face spoof attacks

- Highly accurate face recognition using deep learning algorithm

- Stand-alone device, ready for networking

## Specifications

| Model | TD-E2128-B/TM |
|---|---|
| **Performance** | |
| OS | Embedded Linux |
| Storage | 8Gb DDR3 +16GB EMMC |
| **Screen** | |
| Display Screen | 8inch LCD screen; resolution: 1280x800; contrast: 500:1 |
| Brightness | 500 lux |
| Control Interface | I2C |
| **Temperature Measurement** | |
| Temperature Measuring Range | 32~43℃ |
| Accuracy | ± 0.3℃ |
| Measuring Distance | 0<L< 5cm |
| **Face Recognition** | |
| Sensor | 1/2.7 |
| Lens | 2MP dual-lens, f=3.97mm @ F1.6 |
| Lens Mount | M12 |
| WDR | 120db |
| Height Range of Face Recognition | 1.2m-2.2m (the recommended installation height is 1.45m) |
| Face Recognition Distance | 0.3m-2m |
| Recognition Mode | Face: 1：N |
| Recognition Duration | ≤ 0.5 s per person |
| Face Capacity | 20,000 |
| Recognition Accuracy | 99.7% |
| **Supplementary Light** | |
| Fill-in Light | Soft white light,  IR light |
| White Light Distance | 1-3m |
| **Smart Linkage** | |
| Screen Wakeup | Yes |
| Light Adjustment | Yes |
| Snapshot | Yes |
| **Audio** | |

| Two-way Talk | Yes (noise reduction and echo cancellation) |
|---|---|
| Audio Input | 1CH built-in MIC |
| Audio Output | Built-in speaker |
| **Interface** | |
| Network Interface | 10/100Mbps self-adaptive Ethernet port x1 |
| Alarm Input | 2CH |
| Alarm Output | 2 CH |
| Wiegand Interface | Wiegand input/output（26/34） |
| RS485 | RS485x1 (half duplex) |
| Door Lock Output | Relay output, NO/NC(optional), delay setting supported |
| SD Card Interface | 1 micro SD card slot, up to 128G |
| USB Interface | USB x1 |
| Anti-Tamper Interface | 1 button |
| Exit Button | 1 |
| Reset Button | 1 |
| **Others** | |
| Power | 12V @1A |
| Power Management | Screen sleep, screen protection |
| Power Consumption | <12W |
| Weight | Approx. 1.2KG |
| Installation | Wall Mounting，Pole Mounting, Embedded Installation, Desktop |
| Protection | Surge Protection and Voltage Transient Protection |
| Certifcate | CE, FCC |
| Environment Protection | Complies with Directive EU RoHS, WEEE(2012/19/EU)，directive 94/62/EC and REACH(EC1907/2006) |
| Working Environment | 0°C~40°C，<95% (non-condensing) |
| Dimensions(mm) | 271x30.8x161.8 |

## Available Model

| Available Model | TD-E2128-B/TM | Temperature Measurement & Face Recognition Terminal |
|---|---|---|

## Dimensions
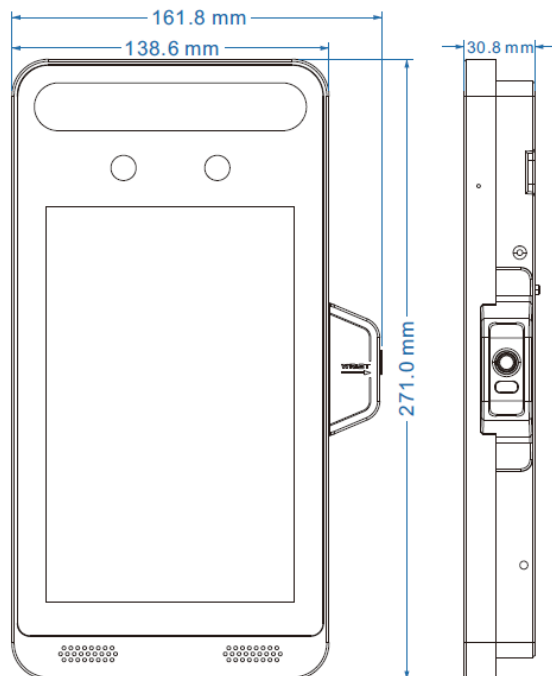


## Accessories

**Optional:**



TD-YZJ1002

Pole Mount

TD- YZJ1003

Desktop Mount

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