

TPC080-A17

The fuselage is made of high-precision aluminum alloy die-casting, low power consumption, small and delicate, industrial-grade protection, ergonomic design principle, accurate and fast recognition technology, which meets the application requirements of multi-scenes and multi-recognition functions, and is widely used in smart parks, smart retail, smart medical and other fields.

Features >>

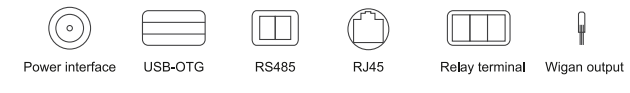
- Appearance independent mold opening, industrial body, exquisite and compact
- Binocular high-definition camera , wide dynamic living body detection technology
- Built-in infrared sensor module , NFC card reader module , readable IC card
- Industrial-grade LED intelligent fillight , accurate identification of day and night
- Multi-function module combination selection , compatible with multiple recognition methods
- Provide SDK package , support secondary development and upgrade customization



Product Model

| | |
|------------------|--------------|
| Product Size | 8" |
| Non-touch | TPC080-A1701 |
| Capacitive touch | TPC080-A1711 |

Product Interface



Product Specifications

Screen Parameters

| | | | |
|----------------|---------------------------------|--|--|
| LCD Size | 8" TFT LCD | | |
| Resolution | 800×1080 (Aspect Ratio 16:10) | | |
| Viewing Angle | 85/85/85/85 (L/R/U/D) | | |
| Colour | 16.7M | | |
| Brightness | 300 cd/m ² | | |
| Contrast ratio | 800:1 | | |

Touch Parameters

| | | | |
|--------------------------|--|---|-----------|
| Touch type | 10-point touch projection Capacitive touch screen | Single-point Resistance touch screen | Non-touch |
| Transmittance | ≥88% | ≥78% | ≥92% |
| Input mode | Handwriting or Capacitance pen | Fingertip or stylus | / |
| Controller communication | USB | USB | / |

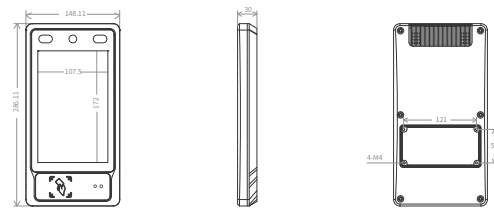
Hardware Configuration

| | | | |
|------------------|-----------------------------|--------------------|---|
| CPU | RK3288, quad core | Camera | 200W binocular HD camera |
| CPU frequency | 1.8GHz | LED fill light | White light, RGB camera fill light source, control interface in SDK |
| GPU | Mali-T764 | IC card reader | 13.56MHz, ICReader (ISO14443-A, ISO14443-B) |
| RAM | 2G DDR3 (Optional 8G) | Infrared induction | The human body can automatically wake up when approaching, effectively recognize the linear distance of 1M, and automatically sleep |
| Storage | 16G eMMC (Optional 32G/64G) | Suona | Dual 8 Q/2W |
| WiFi | 2.4GHz / 5GHz dual bands | | |
| Bluetooth | BT4.1(Optional) | | |
| Operating system | Android 7.1/10.0 | | |

Power parameters

| | | | |
|---------------|--------|--------------|-----|
| Input voltage | DC 12V | Static Power | 18W |
|---------------|--------|--------------|-----|

Product size



Physical Characteristics

| | |
|--------------------|---------------------------|
| Overall dimensions | W148.11 x H286.11 x D30mm |
|--------------------|---------------------------|

Interface

| | |
|-----------------|---|
| Power interface | 1*DC 2.1,Support 12V voltage power supply |
| USB-OTG | 1*typeA, external USB flash disk and computer can be connected |
| Wigan output | 1*Wigan output [supporting 26-bit and 34-bit Wigan] |
| RJ45 Ethernet | 1*10M/100M Ethernet |
| Relay terminal | 1*Relay terminal,can communicate with various access controllers to control the opening/closing of gate or access control |
| RS485 | 1*RS485 [half duplex communication, transmission distance greater than 100 meters] |

Product Reliability

| | |
|----------------------|---|
| Working Temperature | -10°C ~ 60°C |
| Storage temperature | - 20°C ~ 70°C |
| Relative humidity | Humidity: 95% Non-Condensing |
| Vibration protection | IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis |
| Impact protection | IEC 60068-2-27, half sine wave, duration 11ms |
| Authentication | CCC/CE/FCC/EMC/CB/ROHS |
| Waterproof | Front panel reaches IP65 protection level |