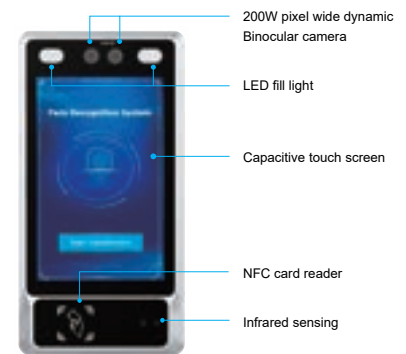


## 8" Face Recognition A

The fuselage is made of high-precision aluminum alloy die-casting, low power consumption, compact and exquisite, and industrial-grade protection, which can meet the operation requirements in a variety of environments, and is equipped with a variety of functional modules. The ergonomic design principle and recognition technology are accurate and fast, meet the application needs of multi-scenario and multi-recognition functions, and are widely used in smart parks, smart retail, smart medical and other fields.

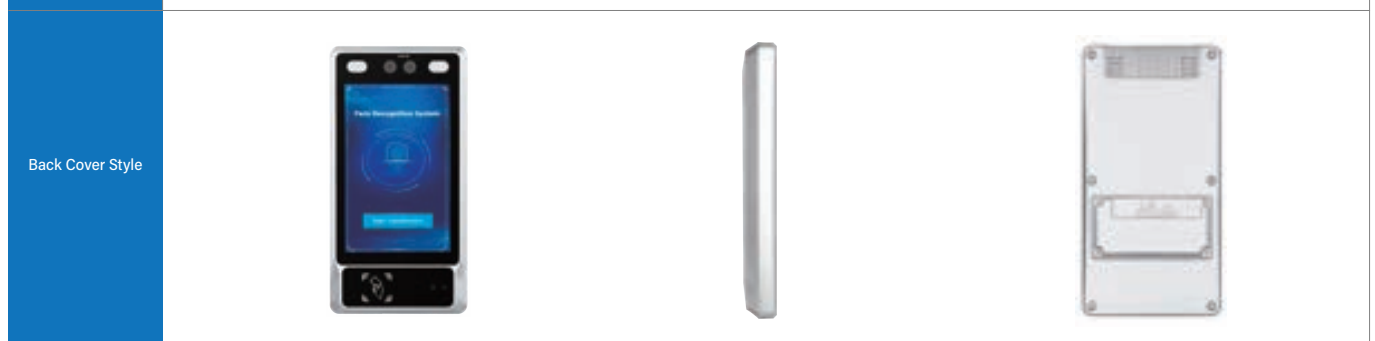
### Features >>

- The appearance is independent and the industrial body is exquisite and small
- 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 fill light, 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寸
Touch mode	Capacitive touch
Product model	TPC080-A1711
Resolution	800*1080
Screen Scale	16:10
Brightness	500cd/m <sup>2</sup>
Contrast ratio	800:1
Viewing Angle	85/85/85 (L/R/U/D)



### Product Installation >>



## Product Specifications >>

### Hardware Configuration

CPU	RK3288, quad-core, 1.8GHz	RK3399 Cortex-A72 hexa-core CPU ,2.0GHz (optional)
GPU	Mali-T764	Mali-T860 GPU
RAM	2G DDR3 (Optional 4G/8G )	4G DDR3 (Optional 2G/8G)
Storage	16G eMMC (Optional 8G/32G/64G)	32G eMMC (Optional: 8G/16G/64G)
System	Android 7.1/10.0	Android 7.1/9.0
Ethernet	10M/100M Ethernet	
WIFI	2.4GHz	
Bluetooth	BT4.1	
Camera	200W pixel wide dynamic binocular camera with live detection support	
LED fill light	White light, RGB camera fill light source, control interface in SDK	
IC card reader	13.56MHz, ICreader (ISO14443-A, ISO14443-B)	
Infrared induction	The human body can automatically wake up when approaching, effectively recognize the linear distance of 1M, and automatically sleep	
Suona	Dual 8 Ω /2W	
System upgrade	Support local USB upgrade	
Timing switch	Support	

### Touch parameters

Capacitive Touch	<p>Touch screen type: 10 point touch projection capacitive touch screen</p> <p>Light transmittance: ≥ 88%</p> <p>Input mode: handwriting or capacitive pen</p> <p>Controller communication: USB</p>
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### Reliability parameters

working temperature	Operating temperature: - 10 ° C-60 ° C, storage temperature: - 20 ° C-70 ° C
Operating 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
Product certification	CCC/CE/FCC/EMC/CB/ROHS

### Other parameters

Power input	12V power input
Static power	18W
Fuselage Properties	Body material: aluminum alloy, body color: classic black, technical silver
warranty policy	Three years (one year free warranty)
Installation method	Support gates vertical, wall-mounted, desktop, floor-mounted and other installation methods
Packing list	All-in-one body *1, security cable *1, power adapter *1, power cord *1

### Security line interface parameters

Power interface	1 * DC 2.1, supporting 12V power input
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 interface]
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]

## Security line interface distribution >>

