AIO Android Panel PC
NFC-Camera-Barkod-Face
OVPPC-108-NFC-2D-F-A32

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 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"
Non-touch	OVPPC-108G-NFC-2D-F-A32
Capacitive touch	OVPPC-108C-NFC-2D-F-A32

Product Interface

Product Specifications

Screen Parameters

LCD Size	8" TFT LCD
Resolution	800×1080
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	500 cd/m²
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	/

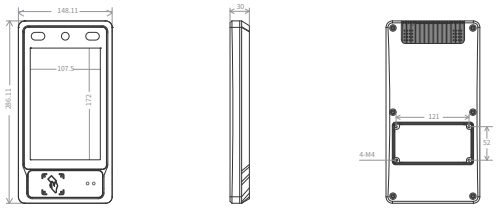
Hardware Configuration

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)		
WiFi	2.4GHz / 5GHz dual bands		
Bluetooth	BT4.1(Optional)		
Operating system	Android 7.1/10.0	Suona	Dual 8 Ω/2W

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