The 11.6-inch screen, high-precision all-aluminum alloy structure, high-performance motherboard scheme, and multiple functional modules are installed to meet various environmental application requirements. The whole machine has low power consumption, anti-static, high and low temperature resistance, anti-surge and other performance. It is an intelligent terminal device, widely used in smart workshops, smart buildings, smart parks, smart conference management 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, fingerprint acquisition, NFC card reader, digital key
- 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

200W binocular	Infrared induction	NFC card reader	Fingerprint	LED fill light	SDK

ISO FC CE CCC RoHS

Product Model

Product Size	11.6″
Non-touch	OVPPC-116G-NFC-2D-FP-A72
Capacitive touch	OVPPC-116C-NFC-2D-FP-A72

Product Interface

Lead connector		Power interface	USB-OTG	RS485	RJ45	Relay terminal	Wigan output
Fuselage side Interface	DC	RJ45	HDMI	OTG	USB	USB	TF/SIM	Audio	RJ45	UBOOT

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	Non-touch
Transmittance	≥88%	≥92%
Input mode	Handwriting or Capacitance pen	/
Controller communication	USB	/

Hardware Configuration

CPU	A72 six-core CPU
CPU frequency	2.0GHz
GPU	Mali-T764
RAM	4G DDR3 (Optional 2G)
Storage	32G eMMC (Optional 16G)
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

Product size
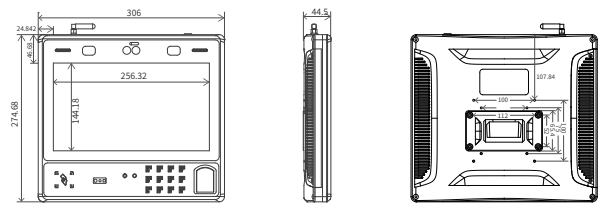
Physical Characteristics

Overall dimensions	W306x H274.68 x D44.5mm

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

Camera	200W pixel wide dynamic binocular camera
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
Touch key	Cross digit touch button
Fingerprint instrument	Built-in fingerprint collector

Static Power	18W