

SUNMI P2 Smart Payment Terminal

Cost-effective, high performance.



High-speed Printing

With an inbuilt 58mm Seiko thermal printer, P2 delivers excellent printing quality smoothly and swiftly.

Front and Rear Cameras

P2 is equipped with an UnionPay certified front camera for facial recognition payment and a rear camera for QR code payment.

Removable Battery

The removable LiPo battery offers a higher flexibility for multi-shift operations.

Optional Accessory



SUNMI P2 Cradle

A charging cradles supporting USB OTG and Ethernet (optional).



SUNMI P2 Tech Specs

Product Model

T6900

OS

SUNMI OS
(*Android 11Go)

Processor

Cortex-A53, quad-core
1.5GHz

Memory

1 GB RAM+8GB ROM
2GB RAM+16GB ROM
(Optional)

Display

5.5" HD+, 1440*720
Capacitive multi-touch

Camera

Front: 0.3MP FF (Optional)
Rear:
5MP AF + Flashlight
1D/2D barcode scanning

Printer

Built-in 58mm thermal printer
Print speed: 70mm/s
Paper roll: ϕ 40mm

Magstripe Reader

1/2/3 track;
Bi-directional card reading;
ISO 7810/7811 compliant

IC Card Reader

Smart IC card/logic
encryption contact card;
ISO 7816/EMV/ PBOC 3.0
compliant;
5V/3V/1.8V

Cryptographic Standards (China)

SM2, SM3, SM4

NFC Reader

Type A & B card, Mifare card;
ISO/IEC 14443, qPBOC3.0, EMV, Paypass, Paywave.

Security

NSI X9.8/ISO 9564, ANSI X9.9/ISO 16609, ANSI X9.24-1, ANSI X9.24-3, Master Key/Session Key, DUKPT, and ANSI X9 TR-31 compliant.
3DES, AES, RSA, SHA-256, SM2, SM3, SM4.

Fingerprint (Optional)

FAP10, STQC, FBI

Speaker

1* 1W

Card Slot

2* SIM (Nano&MINI) + 1* PSAM or 1* SIM (Nano) + 2* PSAM
MicroSD (TF) up to 128G

Network

2G & 3G & 4G

Wi-Fi

2.4GHz/5GHz
IEEE 802.11a/b/g/n

Bluetooth

Bluetooth 2.1/3.0/4.2
BLE

GPS

GPS, AGPS

Buttons

1* Power button
1* Function button

MIC

1* MIC

Port

1* Type-C,
OTG supported

Battery

Removable LiPo battery
7.6V/2540mAh
3000mah (Optional)

Power Adapter

Input: AC 100~240V
Output: DC 5V/2A

Dimensions (L*W*H)

222*81.6*17.6mm

Weight

400g

Environment

Operating temp: -10°C~50°C
Storage temp: -20°C~60°C

Scanner

2D Barcode scan engine
(optional)

Base (Optional)

Charging base,
supporting USB OTG and
Ethernet (optional)

*Data regarding dimension and weight tested internally at SUNMI labs, actual results may be slightly different according to different measurement methods.