

SUNMI
Android POS Leader

About SUNMI

SUNMI is an IoT company that leads the global intelligent commercial hardware innovation.

We are dedicated to provide the intelligent IoT devices and integrated solutions of software and hardware to empower store owners, which can promote their stores to real-time IoT stores and truly support their businesses.

By connecting the outstanding SaaS software and value-added services of various industries with SUNMI OS, we aim to promote the digitalization, interconnection and intellectualization of offline business scenarios, and finally achieve business 4.0.

SUNMI App Store has become the world's biggest commercial App store, with over 10,000 commercial Apps covering more than 100 subdivided industries. It is widely applied in business scenarios such as food delivery, checkout, supply chain, catering, retail, tax control and payment.

As of December 2019, SUNMI's IoT products and solutions have found their way to over 190 countries and regions, serving more than 1.5 million merchants.

Financing

SUNMI has received the strategic investments from Xiaomi Technology, Ant Financial, Meituan-Dianping, SCGC, Lightspeed China Partners, ABC International.



The Heart of Altruism

Our Core Value

Help all staff obtain happiness physically and spiritually
Contribute to the progress and development of human society

Our Philosophy

Build a commercial IoT platform and finally achieve Business 4.0 with an altruistic heart

Our Mission

Become one of the top 10 IoT companies in the world

Our Vision

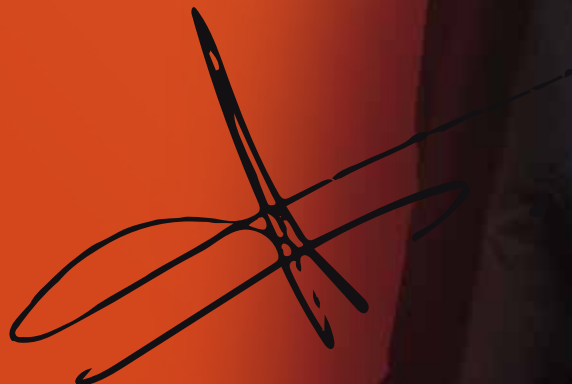
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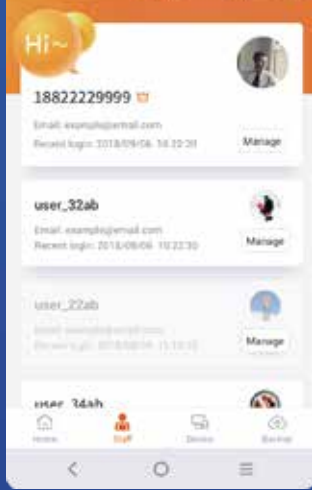
CDO



Des produits performants en
lien avec leurs environnements.







SUNMI CLOUD OS

A deeply optimized and improved operating system for intelligent business scenarios.



User Friendly



Easy Management



Complete Functions



Convenient Debugging



Cloud Customization



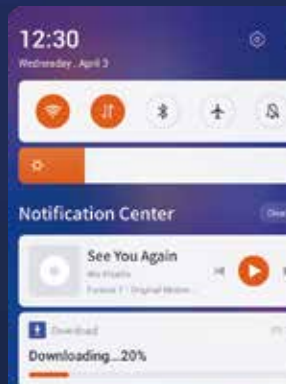
Safe Stable



Application Permission



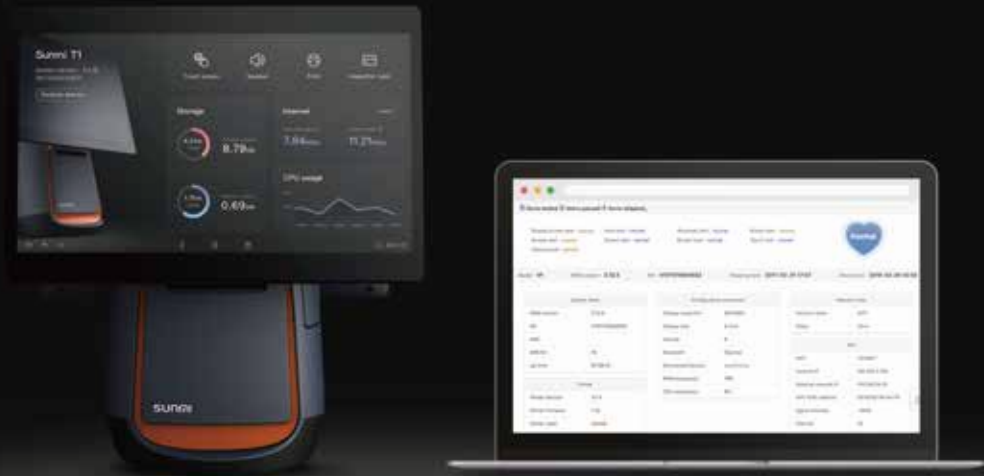
Multiple Payments





Know your devices through hardware check.

Customers can conduct hardware check on the device and technical support can view the result on the backstage to quickly locate and solve problems correspondingly.



Advance with times by providing life-long update service to extend the devices' life cycle.

The OTA function ensures the update and iteration of SUNMI OS and can release the newest system to devices without delay, bringing newest experience to users and extending the life cycle of devices.



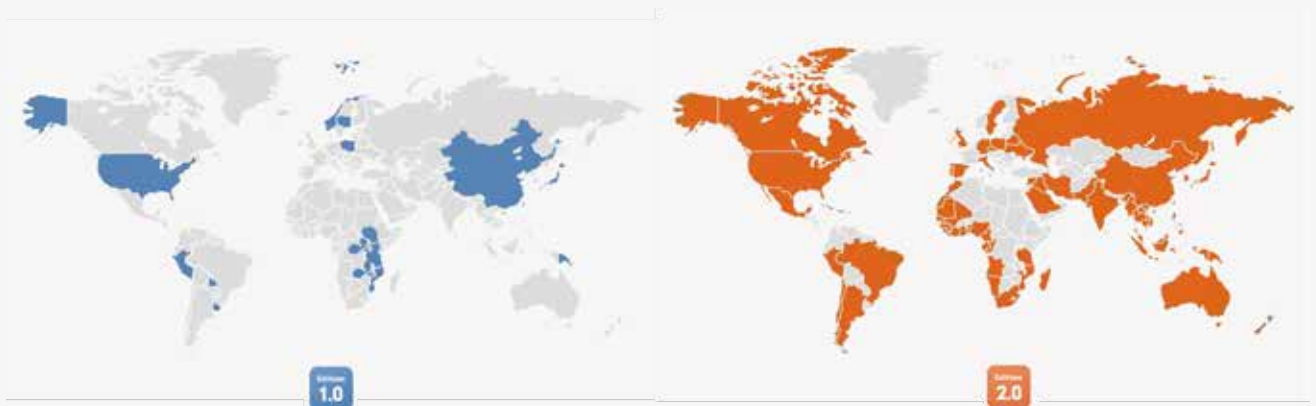
An App store that all in control.

You can customize your own App Store, in which any App submitted by a third-party to your App Store needs to be approved by you, helping you prevent the Apps of your competitors from being installed by merchants.



Control risks through releasing in canary approach.

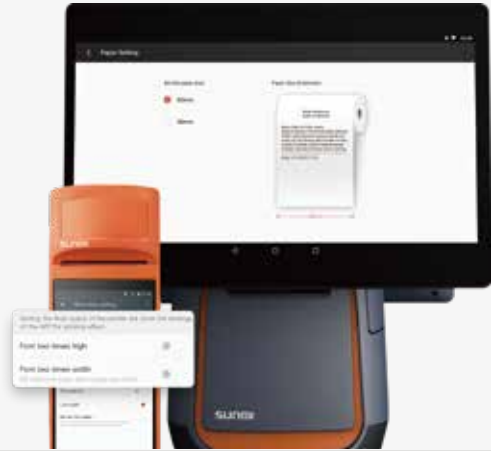
Developers can release the new version to specified users (fans, e.g.) by region or device SN to verify the quality of the new version. After being verified, the new versions can be released to a larger scope of users and iterated to the official version, which significantly decreases the effect that might be brought by the new version's immaturity to merchants.





Specify the printing style without changing App.

Adaptive to printing paper of different widths. Printing mode can be switched among ordinary thermal and black mark thermal in accordance with specific business scenarios. The printing format can be changed without any change on the App.



Print global characters fulfilling needs on print speed and print effect.

Compatible with various printing methods and printing orders; transaction printing mode is provided, in which the printing output can be monitored.

Change content from the cloud to build terminal exclusive brand.

Now, through the simple configuration on the partners platform, you can set up uniformly numerous desktop widgets of the device.

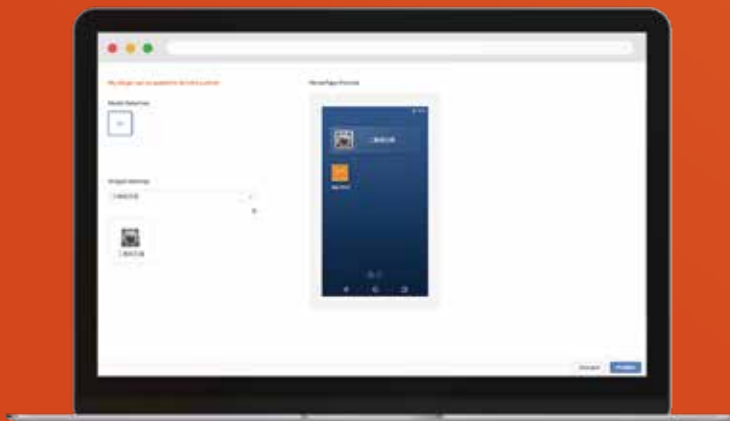
Desktop

Wallpaper

Widgets

Boot Animation

Start App by Default





SUNMI App Store

SUNMI App Store

10000+ **1.5million+**

Commercial Apps

Global merchants

100+ **40million+**

Industries covered

Downloads



SUNMI Platform

Provide one-stop services including online hardware purchase, selected industrial solutions, value-added services for distributors/service providers, developers.



More than 1.5 million
global merchants

Thank you



SUNMI

Product List

Handheld POS



SUNMI V2



SUNMI V2 PRO



SUNMI M2



SUNMI V1s



SUNMI L2



SUNMI L2k

Financial cash register Financial POS



SUNMI P2



SUNMI P2 PRO



SUNMI P2 LITE



SUNMI P1



SUNMI Mario

Wireless Device



SUNMI W1



SUNMI ELECTRONIC SHELF LABEL

Intelligent Camera



SUNMI Store Sense Camera



SUNMI AI Face Sense Camera

Desktop POS



SUNMI T2



SUNMI T2 LITE



SUNMI T2 MINI



SUNMI S2



SUNMI D2



SUNMI D2s LITE



SUNMI D2s COMBO



SUNMI D2 MINI

Accessories



SUNMI 2D Handheld Scanner



SUNMI Blink



SUNMI POS POWER BANK



SUNMI 58 Thermal Receipt Printer



SUNMI Mini Cash Drawer



SUNMI 89-Key Commercial Keyboard

Self-Service Kiosk



SUNMI K1



SUNMI H1

Android POS Leader

Handheld POS

SUNMI V1s



- 5.5" IPS display with 1280x720 resolution.
- 5MP AF camera with flash.
- 5200mAh high capacity battery.
- Built-in Seiko printer.
- NFC (optional).
- Multipurpose scanning platform (optional).



Printing



Scanning

QR code
paymentCoupon
verification

Ordering



Delivery



Order taking

SUNMI V1s
Technical specifications

red dot design award
winner 2018

Multifunctional
Scanning Platform



Extended base

OS Android 6.0 SUNMI OS	CPU Quad-core 1.3GHz	Memory 1GB RAM + 8GB ROM	Display 5.5" HD 1280x720 IPS	Adapter Input: AC 100-240V Output: DC 5V/2A
Wi-Fi 802.11 b/g/n 2.4GHz	Bluetooth Support BLE Support 2.1/3.0/4.0	Speaker 1W	Weight Item weight: 400g shipping weight: 768g	Key Power button (lock screen) Volume up/down button
Battery Removable lithium battery, 4.2V/5200mAh	Communication GSM/WCDMA 2G (850/900/1800/1900) WCDMA 3G (850/900/1900/2100)	Camera 5.0MP, Flash, AF (Standard Edition) Scan cam technology (Lite Version) support 1D & 2D	GPS Support GPS Support AGPS	Printer High-speed thermal printer print speed: up to 60mm/s Paper width: 58mm Till roll diameter: 40mm
SIM card Slot 1x SIM Card slot Support 1.8V/3.0V 1x Nano SIM card (optional) 2x PSAM card option 1x Micro SD card option	Environment Operating temperature: 0°C ~ 40°C Storage temperature: -10°C ~ 50°C	Size 211*83*54mm	Port 1x Type-C USB Support OTG	

Note:

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Handheld POS

SUNMI V2

- Reduce frequency on paper refilling as well as consumable cost with the 50mm diameter till roll used.
- Speed up your transactions with the cutting edge Seiko printer with the print speed increased by 16.7%, making it more efficient.
- With a 5.45" screen and 17.8mm thickness body, V2 is a user-friendly device which is portable and easy to hold.
- Additionally, it comes with a bright 1440*720 HD+ screen and a 95dB speaker with clear voice quality that ensures you never miss any order.
- V2 can realize highly stable network connection with its features of 2.4GHz and 5GHz Wi-Fi connectivity and 4G full Netcom.



Bill Printing



Mobile Payment



Mobile Ordering



Queue Control



Takeout order taking



Marketing Management



SUNMI V2

Technical specifications

OS OS Android 7.1 SUNMI OS	CPU Quad-core processor 1.3GHz	Memory 1GB RAM + 8GB ROM 2GB RAM + 16GB ROM (optional)	Display 5.45" HD+ 1440x720 IPS	Adapter Input: AC 100-240V Output: 5V/2A
Wi-Fi 2.4G/5G Support IEEE 802.11 a/b/g/n	Bluetooth Support BLE Support Bluetooth 2.1/3.0/4.0	Speaker 1.3W	Weight include battery: 364g	Key Power button (lock screen button) Volume up/down button
Battery Lithium Polymer Battery 7.6V/2580mAh	Communication 2G/3G/4G	Camera 5.0MP Auto Focus with Flash LED Support 1D/2D	GPS Support GPS Support AGPS	Printer Seiko thermal print head Print speed: Up to 70mm/s Till roll: 50mm OD, 58mm width
SIM Card Slot 1x NANO SIM Card slot Support 1.8V/3.0V	Environment Operating temperature: 0°C ~ 45°C Storage temperature: -40°C ~ 70°C	Size 219.1*80*17.8mm	Port 1x Type-C USB Support OTG	

Optional

- Base**
 Support charging

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Handheld POS

SUNMI V2 PRO



red dot design award
winner 2019

- The first full screen handheld POS.
- 5.99" HD screen; Qualcomm Snapdragon quad-core.
- Designed by international master.
- The thinnest place of machine body is only 13mm.
- Support 4G full Netcom, Wi-Fi 2.4G/5G, eSIM.
- 5MP rear camera, professional 1D scanner, built-in SEIKO printer.



Order taking



NFC



PSAM



Delivery

QR code
payment

Scanning



Ordering

SUNMI V2 PRO

Technical specifications

OS

Android 7.1
SUNMI OS



CPU

Qualcomm Snapdragon
Quad-core processor
1.4GHz



Memory

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



Display

5.99" HD+
1440x720 IPS



Adapter

Input: AC100-240V
Output: DC 5V/2A



Wi-Fi

2.4G & 5G
IEEE 802.11 a/b/g/n



Bluetooth

Support BLE
Support Bluetooth 2.1/3.0/4.2



Speaker

1W



Weight

346g
Include 1D scanning head:
356g



Button

Power button
Volume up/down button



Battery

Non-removable
lithium battery
7.6V/2580mAh



Communication

4G full Netcom



Camera

5.0MP, Flash, AF
Support QR code scanning



GPS

Support GPS
Support AGPS



Printer

58 thermal printer
Print speed: up to 70mm/s
Till roll: 40mm OD, 58mm width



SIM Card Slot

1x SIM Card slot
Support 1.8V/3.0V
1x PSAM (compatible)



Environment

Operating temperature:
0°C ~ 45°C
Storage temperature:
-40°C ~ 70°C
Drop test height:
Pass 1M Drop Test



Size

215.2*83*17mm



Port

1x Type-C USB
Support OTG

Optional



Barcode Scanner

1D scanner
2D scanner



Base

Support charging
External OTG equipment



NFC

MIFARE/FeliCa/ISO 14443
Type A/B/ISO15693

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Handheld POS

SUNMI M2



- A lightweight and portable POS with 5.0" HD screen.
- Qualcomm snapdragon quad-core CPU.
- 1G RAM + 8G ROM.
- Professional scanning algorithm supporting identifying 1D/2D payment codes.
- Support Wi-Fi/4G/eSIM.
- Use double-shot molding technique to protect the device (pass 1M drop test).



Ordering



Mobile payment



Coupon verification



Logistics



Optional single stand charger

SUNMI M2

Technical specifications

High sensitive scanner can identify 1D /2D code for payment quickly

The sound of 1W high-volume speaker can be heard clearly even in noisy surroundings with the sound level up to 90 dB(A)

OS

Android 7.1
SUNMI OS



CPU

Qualcomm snapdragon
quad-core 1.4GHz



Memory

1GB RAM + 8GB ROM



Display

5" HD
1280x720 IPS



Adapter

Input: AC 100-240V
Output: DC 5V/1A



Wi-Fi

2.4G/5G
Support IEEE 802.11a/b/g/n



Bluetooth

Support BLE
Support Bluetooth 2.1/3.0/4.2



Speaker

1W



Weight

include battery: 172g



Button

Power button (lock screen)
Volume up/down Button
(The buttons can be set to scanning button by APP)



Battery

Non-removable
lithium battery
3.8V/3000mAh



Camera

Support 1D/2D



Environment

Operating temperature:
-20°C-55°C
Storage temperature:
-40°C-70°C



Size

144*73*13.7mm



Port

1x Type-C USB



Charging Base

Support charging base

Optional



GPS

Support GPS
Support AGPS



Communication

4G



SIM Card Slot

1x SIM card slot
Support 1.8V/3.0V

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Industrial level handheld POS

SUNMI L2



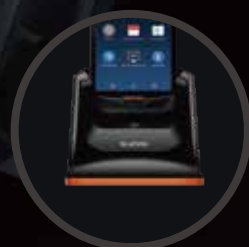
- 5.0" HD IPS display.
- Qualcomm chip.
- 2GB RAM+16GB ROM.
- Built-in dual card slots; supports 4G full netcom, NFC.
- 1D/2D code scanning; Zebra scanning head is optional.
- Across industrial and commercial consumption fields.



Scanning

IP67
rugged design

5000mAh



Optional single charging stand

SUNMI L2

Technical specifications

2 types of configuration

Scanner of the International brand Zebra / without scanner



OS Android 7.1 SUNMI OS	CPU Qualcomm quad-core 1.4GHz	Memory 2GB RAM + 16GB ROM	Display 5" HD 1280x720 IPS Capacitive Multi-touch screen	Adapter Input: AC 100-240V Output: DC 5V/2A
Wi-Fi 2.4G/5G Support IEEE 802.11 a/b/g/n	Bluetooth Support BLE Support Bluetooth 2.1/3.0/4.2	Speaker 1W	NFC MIFARE/FeliCa/ ISO 14443 Type A/B IS15693	Button Power (lock screen) button Volume up/down button Home button
Battery Non-removable lithium battery 3.8V/5000mAh	Communication 2G/3G/4G	Camera Camera 5.0MP, Flashlight, AF Support 1D/2D Support 720p video recording	MicroSD (TF) Support (up to 64G)	SIM Card Slot 1x SIM card slot Support 1.8V/3.0V
PSAM PSAM	Port 1 x Type-C USB Support OTG	Environment Operating temperature: -20°C ~ 55°C Storage temperature: -40°C ~ 70°C Protection rating: IP67 Falling height: 1.2 m		

Optional

- Scanner**
International brand Zebra scanner supporting 1D/2D code scanning

Note:

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Mobile Computer

SUNMI L2k



- 2GB RAM+16GB ROM.
- Support multiple accessories with more options for expansion.
- The industrial grade touch screen comes with a glove mode option.
- Compatible with Honeywell/Zerba 1D and 2D barcode scanners.
- The small built-in battery allows for replacing the main battery without turning off the mobile computer.



1.5W
loudspeaker



IP65
rating



1.5M
drop proof

SUNMI L2k

Technical specifications

OS Android 7.1 SUNMI OS	CPU Qualcomm quad-core 1.4GHz CPU	Memory 16GB ROM+2GB RAM	Display 4" WVGA 800x480,IPS Multi touch, Support glove mode	Adapter Input: Type-C Output: DC 5V/2A
Wi-Fi 2.4G/5G Support IEEE 802.11 a/b/ g/n	Bluetooth Support BLE Support Bluetooth 2.1/ 3.0/4.2	Voice and Audio 1.5W Two mics	Port 1 × Type-C USB Support OTG Support pogo pin	Button Power button Volume up/down button Scan button 20 physical keys
Battery Removable polymer Lithium battery 3.8V/5000mAh	Communication 2G/3G/4G	1D/2D Scanner Zebra 2D scanner Honeywell (optional)	Camera Rear: 13MP autofocus Front: 2MP fixedfocus	NFC ISO 14443 Type A/B FeliCa and ISO 15693 cards
GPS Support AGPS Support GPS/Glonass/Beidou	SIM Card Slot SIM × 1 PSAM × 1 Support 1.8V/3.0V	Dimensions 159.4*73*19mm	Environment Operating temperature: -20°C ~ 55°C Storage temperature: -40°C ~ 70°C Sealing: IP65 Drop height: 1.5m	

Optional

- Trigger Handle**
Support Trigger Handle

Note:

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Handheld Financial POS

SUNMI P1



reddot design award
winner 2018



- Recognize 1D/2D payment code in 0.7 second.
- 2.4GHz/5GHz Wi-Fi connectivity; 4G full Netcom.
- The built-in 58mm high-speed printer can print up to 5000 receipts continuously when fully charged.



OTG



Printing



Scanning

QR code
paymentCard
paymentOrder
takingCoupon
verification

NFC



SUNMI P1

Technical specifications



OS

Android 6.0
SUNMI OS



CPU

quad-core 1.3GHz



Memory

1GB RAM + 8GB ROM



Display

5.5" HD
1280x720 IPS



Adapter

Input: AC100-240V
Output: DC 5V/2A



Wi-Fi

2.4G/5G
Support IEEE 802.11 b/g/n



Bluetooth

Support BLE
Support Bluetooth 2.1/3.0/4.0



Speaker

1W



Key

Power button
(lock screen button)
Volume up/down button



Battery

Removable lithium battery
4.2V/5200mAh



Communication

4G version :
GSM/TD-SCDMA/
CDMA 1X/EVDO/WCDMA/
TDD-LTE/FDD-LTE global
bands



Camera

5.0MP, Flash, AF
support 1D/2D



Printer

Built-in high-speed
thermal printer
Print speed up to 60mm/s
Paper width: 58mm
Till roll diameter: 40mm



SIM Card Slot

1x SIM card slot
Support 1.8V/3.0V



Environment

Operating temperature:
-10°C ~ 50°C
Storage temperature:
-20°C ~ 70°C



Size

211*83*54mm



Port

1x Type-C USB
Support OTG

Note:

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2. The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Handheld POS

SUNMI P2

- Delivers stronger performance with a quad-core processor.
- Seiko high-speed printer.
- Omnipotent payment includes MSR, IC-card, NFC and QR-code.
- The Ultra-thin design makes it easy to pick up and move the device when needed.
- The removable aluminum polymer battery ensures its safety and ease of maintenance.

P2 Tech Specs



IC Card Reader Support smart IC card complies with ISO7816/EMV/PBOC3.0 standards	Magnetic Card Reader support 1/2/3 track Bi-direction complies with ISO7810/7811 standards	Security ANSI X9.8/ISO9564, ANSI X9.9/ISO08731, Master Key/Session Key, support 3DES,RSA,SHA-256	NFC Reader PBOC 3.0 ISO/ICE 14443 TypeA&B Mifare Card,qPBOC,PayPass,PayWave	
OS Android 7.1 SUNMI OS	CPU Quadcore1.5GHz CPU	Memory 8GB ROM+1GB RAM	Display Screen 5.5" HD+ 1440x720, IPS	Touch Screen Capacitive multi-point
Printer Thermal printer Print speed: 70mm/s Till roll width/OD: 58mm/40mm	Communications LTE/UMTS/GSM	Wi-Fi 2.4G/5G Supports IEEE 802.11 a/b/g/n	Bluetooth Supports 2.1/3.0/4.0 BLE, iBeacon	GPS GPS, AGPS
Camera Front Camera: 0.3 Megapixel (Optional) AF camera: 5 Megapixel Charging Base Camera	Fingerprint (optional) FAP10 FBI/STQC	Battery Removable li-polymer battery 7.6V/2540mAh	Interface 1* USB-Type C Supports OTG	Adaptor Input: AC100-240V, 0.3A Output: 5V/2A
Dimensions Supports charging Supports USB OTG	Physical size 222*81.6*17.6mm	Weight 400g	Environmental Operating Temperature: -20°C ~ 60°C (not charging) 0°C~60°C (charging) Storage Temperature: -20°C ~ 45°C	

Note:

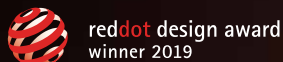
1. Real memory will be reduced due to a number of factors, and there are differences. Operating system also occupy part of memory.
2. Actual product specifications when sold take precedence over what may be listed at this catalogue; Any changes may be made without prior notification

Handheld Financial POS

SUNMI P2 LITE



- Qualcomm snapdragon quad-core CPU.
- 5.0" HD IPS display.
- Support Omni-channel payments: magnetic stripe card, IC Card, NFC, QR code.
- Use professional scanner to scan commodity 1D code accurately (optional).
- Support Wi-Fi, 4G Full Netcom, eSIM networking.
- Its small size and lanyard hole makes it portable.
- Pass 1M drop test with double-shot molding.



Scanning



Card payment



Order taking



Coupon verification



QR code payment



Optional single charging stand

SUNMI P2 LITE

Technical specifications

IC Card Support

Support smart IC card
Complies with IS7816/
EMV/PBOC 3.0 standards

PSAM Card Slot

1x PSAM Card slot
Complies with
ISO7816 standards

Sim Card Slot

1x SIM Card slot
Support 1.8V/3.0V

Bi-directional swipe

Support 1/2/3 track
Support Bi-direction
Complies with
ISO7810/7811 standards

NFC

NFC
PBOC 3.0,ISO/
ICE 14443 Type A&B
MIFARE Card, QPBOC

Password Keyboard

Virtual keyboard
Complies with ANSI X9.8/ISO9564
ANSI X9.9/ISO08731 secret key
management standards
Master Key/Session Key
Support 3DES, RSA, SHA-256
encryption algorithm

OS

Android 7.1
SUNMI OS

CPU

Qualcomm snapdragon
quad-core 1.4GHz

Memory

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

Display

5.0" HD
1280x720 IPS

Adaptor

Input: AC 100-240V
Output: 5V/1A

Wi-Fi

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

Bluetooth

Bluetooth 2.1/3.0/4.2
Support BLE

Speaker

1W

Weight

Include battery: 256g

Key

Power (lock screen) button
2x Function button
HOME button

Battery

Removable lithium
polymer battery
3.8V/3000mAh

Communication

2G: B3/B8
3G: WCDMA(B1/B8)
4G: B1/B3/B7/B20/B38/B40

Camera

5.0MP, Flash, AF
support 1D/2D

Sensor

Standard gravity
sensor (G-sensor)

GPS

Support GPS
Support AGPS

Size

157.8*75*22.4mm

Port

1x Type-C USB
Support OTG

Environment

Operating temperature:
0°C ~ 40°C
Storage temperature:-
10°C ~ 50°C
Drop test height:
Pass 1M drop test

Optional

Scanner

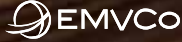
Support 1D barcode scanner

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Handheld Financial POS

SUNMI P2 PRO



- 5.99" high-resolution screen.
- Qualcomm snapdragon quad-core processor.
- Seiko Printer.
- Support paying with magnetic/IC card, QR code, NFC.
- Use professional scanner to scan 1D barcode accurately (optional).
- Dual SIM Dual Standby.
- Dual PASM equipped can be applied to diverse scenarios.z



Scanning



Printing Receipt



Card Payment



Order taking



Ordering



Public Transportation

SUNMI P2 PRO Technical specifications

IC Card Support

Support smart IC card complies with IS7816/EMV/PBOC 3.0 standards

Sim Card Slot

Dual SIM card slot Support 1.8V/3.0V

Magcard Support

Support 1/2/3 track Bi-directional swipe complies with ISO7810/7811 standards

NFC

PBOC 3.0, ISO/ICE 14443 TypeA&B Mifare card, QPBOC Paypass, Paywave

Security

ANSI X9.8/ISO9564 ANSI X9.9/ISO08731 Master Key/Session Key Support 3DES RSA, SHA-256, SM2, SM3, SM4, etc

PSAM Card Slot

Dual PSAM card slot complies with ISO7816 standard

OS

Android 7.1 SUNMI OS

CPU

Quad-core 1.4GHz CPU

Memory

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

Display

5.99" HD
1440 x 720 IPS

Adaptor

Input: AC100-240V
Output: 5V/2A

Wi-Fi

2.4G/5G
IEEE 802.11 a/b/g/n support

Bluetooth

Support BLE
Support Bluetooth 2.1/3.0/4.2

Speaker

1W

Weight

include battery: 430g

Key

Power button (lock screen button)
Function button

Scanner (optional)

Support 1D barcode scanner

Sensor

Gravity Sensor

GPS (optional)

Support GPS
Support AGPS

Battery

Built-in Lithium polymer battery
7.6V/2580mAh

Communication

2G: B3/B8
3G: WCDMA B1/B8
4G: B1/B3/B7/B20/B38/B40

Camera

5.0MP, Flash, AF support 1D/2D

Printer

58mm thermal printer
Print speed: 70mm/s
Till roll diameter: 40mm max.

Environmental

Operating temperature: 0°C ~ 40°C
Storage temperature: -20°C ~ 60°C

Size

224.9*84.2*17.5(50.4)mm

Port

1x Type-C USB
Support OTG

Note:


1. Actual memory will be reduced due to a number of factors and may vary. Operating system also occupies some memory.

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Financial cash register equipment

SUNMI Mario


- Front code scan window is adopted to quickly identify 1D/2D payment codes.
- Integrated calculator function.
- High-volume real-time broadcast.
- Built-in GPRS + Wi-Fi.
- Two types of network connection.




eSIM




Convenient cash registering



Live voice broadcast



Built-in battery



Calculator



SUNMI Mario

Technical specifications



<p>OS OS Linux 3.10</p>	<p>CPU 32bit, 1GHz</p>	<p>Memory 16MB ROM + 32MB RAM 32MB ROM + 64MB RAM (optional)</p>	<p>Display Customized 3.7" low power consumption screen with backlight</p>	<p>Reading Direction/Speed Read at 100mm/s (average) with multi scanning angles supported Support continuous scanning</p>
<p>Wi-Fi 2.4G Support IEEE 802.11b/g/n</p>	<p>Decoding Type DM CODE 1D/2D code</p>	<p>Speaker 1.2W 0.1m≥100dB</p>	<p>Button Built-in 3.7/1000mAh Polymer lithium battery</p>	<p>eSIM Support GPRS, Built-in eSIM, Free 10MB per month (alternative: 30MB/month)</p>
<p>Product certification (1) China Compulsory Certification (2) Network access license (3) China Radio Type Approval Certification (4) ROHS Test</p>	<p>Key (1) Function keys: function/volume/refund/power on or off/cash registering (2) Calculation keys: M+/M-/MRC/CE/AC/Backspace (3) Symbol keys: “.” “-” “X” “=” “=” (4) Number keys: 1/2/3/4/5/6/7/8/9/0/00/ 28 physical keys in total</p>	<p>Environment Operating temperature: 0°C ~ 40°C Storage temperature: -10°C ~ 50°C Operating humidity: 5% ~ 95%(non-condensing)</p>	<p>Size 203*112*69mm</p>	<p>Port 1x Type-C USB x1</p>

Note:
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2. The actual specs of products launched to the market shall take precedence over the info listed in this catalogue, any change may be made without prior notification.

Desktop POS

SUNMI D2

- Beautiful and simple.
- The inspiration of the international masters.
- 15.6" HD capacitive touch screen.
- Android 7.1 OS.
- User-friendly cable arrangement design.
- Multiple I/O interfaces.



Single/
Dual-monitor



15.6"/10.1"



Ordering



Check-out



SUNMI D2

Technical specifications

Display 15.6"

Main display:
15.6" HD 1366x768



Display 15.6"+10.1"

Main display:
15.6" HD 1366x768
Customer display:
10.1" HD 1024x600



OS

Android 7.1
SUNMI OS



CPU

Single screen:
Cortex-A53,1.2GHz
Dual screen :
Cortex-A17,1.6GHz



Memory

Single screen:
1GB RAM + 8GB ROM
Dual screen:
2GB RAM + 8GB ROM



Touch Screen

Capacitive
multi-touch screen



Adapter

Input:AC100~240V/1.5A
Output:DC24V/1.5A



Wi-Fi

2.4G
Support IEEE 802.11 b/g/n



Bluetooth

Support BLE
Support Bluetooth
2.1/3.0/4.0



Speaker

1.2W



Button

Power button
(lock screen button)
Volume up/down button



MicroSD(TF)

Support, Up to 64G



Environment

Operating temperature:
0°C ~ 40°C
Storage temperature:
-10°C ~ 50°C



Size

382*184*387mm



Port

4x USB Type-A ports
1x RJ11 Serial port
1x RJ12 Cash drawer port
1x RJ45 LAN port
1x Audio jack
1x Power port, 1x Micro USB debug port

Note:

1. Actual memory will be reduced due to a number of factors and may vary. Operating system also occupies some memory.

2.The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Desktop POS

SUNMI D2s LITE

- Meet the computing power required by different scenarios with a high performance processor.
- A flat 15.6" 1920*1080 resolution full view angle display.
- Deliver information clearly in noisy environments with a 3W high volume speaker.
- Achieve a sense of stability and elegance with dark gray.
- A 10.1" customer display (optional) is adopted for customer interaction and promotion.
- It can be combined with a cash drawer and a keyboard to present an integrated solution (optional).



Dual-Display Interaction



Booking



Checkout



Queue Management



3D Camera (Optional)
Supports FR payment

SUNMI D2s LITE

Tech Specs

Display 15.6"

Main display:
15.6" FHD
1920x1080



Display 15.6"+10.1"

Main display:
15.6" FHD
1920x1080
Customer display:
10.1" HD
1024x600



OS

Android 7.1
SUNMI OS



CPU

Single Screen:
Octa-core 1.2GHz
Dual Screen:
Quad-core 1.6GHz



Memory

2GB RAM+8GB ROM



Display

Capacitive multi-touch screen
Display: 15.6" FHD
1920*1080
Customer Display: 10.1" HD
1024*600



Wi-Fi

2.4G
support IEEE 802.11b/g/n



Bluetooth

Support Bluetooth
2.1/3.0/4.2
Support BLE



Button

Power button
(lock screen)



Speaker

3W



External Memory Card

Supports MicroSD(TF)
up to 64G



External port

4x USB Type-A port
1x RJ11 serial port
1x RJ12 cash drawer port
1x RJ45 LAN port
1x Audio jack
2Power port
1x power port
1x Micro-USB debug port



Power Adapter

Input: AC100~240V/1.7A
Output: DC24V/1.5A



Environment

Working temperature: 0°C~40°C
Storage temperature: -20°C~60°C

Note:

1. Actual memory will be reduced due to a number of factors and may vary. Operating system also occupies some memory.
2. The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Desktop POS

SUNMI D2 MINI

Printer Version

- Built-in 58mm Seiko printer, outer diameter 60mm paper roll 58mm high speed print printing speed up to 160mm/s.
- Main screen touches the oil-resistant and water-resistant design screens have a brightness of more than 300 nits to meet the special environment.
- Support NFC card, support PSAM card function, V0 fire-proof level.
- Supports 3W high volume speakers and deliver clear information in noisy environment.



NFC



Printing



Ordering



Queue Management



Checkout



Table Management



Shopping



SUNMI D2 MINI

Technical specifications

OS

Android 8.1
SUNMI OS



CPU

Quad-core Processor



Memory

8GB ROM+2GB RAM



Display

Main Screen: 10.1" HD, 1280*800
300nits; 10 points capacitive touch screen
Customer Display: 4.3" WVGA,
800*480, 300nits



Wi-Fi

2.4GHz
Support IEEE 802.11 b/g/n



Bluetooth

Support BT 2.1/3.0/4.2
Support BLE



Button

Power key
(Lock screen button)



Speaker

3W
4Ω



NFC

Support ISO14443 A
ISO14443 B
ISO 15693, MIFARE 1K/4K



PSAM Card

Support Mini
SIM(2FF) Card



External Storage Card

Support MicroSD Card
Max 64GB



Printer

Built in 58mm thermal printer
Printing speed 160mm/s
Printing life is 50km
Support 60mm scroll
outer diameter
Tearing paper manually



4G

Support 4G network
(4G network is only
available to the printer
version)



SIM Card Socket

1.8V/3.0V
Micro SIM(3FF)
(*4G network is only available
to the printer version)



External Interface

5x USB Type-A port
1x RJ11 Serial port
1x RJ12 cash box port
1x RJ45 LAN port
1x Audio jack port
1x Power port
1x MicroUSB debug port



Power Adapter

Input: AC100~240V/1.7A
Output: DC24V/2.5A



Dimensions (L*W*H)

260*290*99mm



Weight

1.94Kg



Environment

Working temperature: 0°C - 40°C
Storage temperature: -20°C - 60°C

Note:

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2. The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Desktop POS

SUNMI D2s COMBO

- Meet the computing power required by different scenarios with a high performance processor.
- A built-in 58mm Seiko printer is adopted which can print at 160mm/s.
- A flat 15.6" 1920*1080 resolution full view angle display.
- Deliver information clearly in noisy environments with a 3W high volume speaker.
- A 10.1" customer display (optional) is adopted for customer interaction and promotion.
- Support Alipay facial recognition (FR) payment with a 3D structured light FR camera (optional).
- It can be combined with a cash drawer and a keyboard to present an integrated solution (optional).



Integrated Solution



Queue Management



Booking



Printing



3D structured light camera supports facial recognition payment

SUNMI D2s COMBO

Tech Specs

Display 15.6"

Main display:
15.6" FHD
1920x1080



Display 15.6" +10.1"

Main display:
15.6" FHD
1920x1080
Customer display:
10.1" HD
1024x600



OS

Android 7.1
SUNMI OS



CPU

Cortex-A17 1.6GHz



Memory

2GB RAM+8GB ROM



Display

15.6" FHD
1920x1080



Touch Screen

External Memory Card screen



Printer

Built-in high-speed
58 thermal printer



Wi-Fi

2.4G
Support IEEE 802.11b/g/n



Bluetooth

Support Bluetooth
2.1/3.0/4.2



Speaker

3W



External Memory Card

Supports MicroSD(TF)
Up to 64G



Adapter

Input: AC100~240V/1.7A
Output: DC24V/2.5A



Port

USB Type-A port x4
RJ11 Serial port x1
RJ12 Cashbox port x1
RJ45 LAN port x1
Audio Jack port x1
Power port x1
Micro USB debug port x1



Weight

Dual displays (big + small)
+ camera: 7.58kg
Dual displays (big + small):
7.53kg
Single display: 6.75kg



Environment

Working temperature:
0°C~40°C,
Storage temperature:
-20°C~60°C

Optional



Cash Drawer

Four bill trays & three
coin trays Wide-area
voltage



Keyboard

QWERTY 89 keys
TYPE-C USB
IP55

Note:

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2.The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Desktop POS

SUNMI T2



red dot design award
winner 2018



Qualcomm
snapdragon

- Qualcomm snapdragon octa-core.
- A dual-display and dual-touch POS.
- 15.6" 1920×1080 FHD resolution.
- Supports Wi-Fi and 100M Ethernet.
- Built-in SEIKO 80mm thermal printer.
- Optional 3D structured light camera supporting facial recognition payment.



3D structured light camera
supports facial recognition payment



Queue control



Self-service
payment



Ordering



Check-out

SUNMI T2

Technical specifications

Display 15.6"

Main display:
15.6" FHD
1920×1080

Display 15.6"+10.1"

Main display:
15.6" FHD
1920×1080
Customer display:
10.1" HD
1024×600

Display 15.6"+15.6"

Main display:
15.6" FHD
1920×1080
Customer display:
15.6" FHD
1920×1080



OS
Android 7.1
SUNMI OS



CPU
Qualcomm Snapdragon
Octa-core



Memory
2GB RAM + 16GB ROM



Touch Screen
Capacitive
multi-touch screen



Adapter
Input: AC100-240V/1.7A
Output: DC24V/2.5A



Wi-Fi
2.4G/5G
Support IEEE 802.11 a/b/g/n



Bluetooth
Support BLE
Support Bluetooth
2.1/3.0/4.0



Speaker
1.2W



Button
Power button
(lock screen button)
Volume up/down button



Printer
Printer
Built-in 80 thermal printer
Automatic cutter: Equipped
Print speed: 200mm/s
Till roll: 80mm OD



MicroSD (TF)
Support (up to 64G)



Environment
Operating temperature:
0°C ~ 40°C
Storage temperature:
-10°C ~ 50°C



Size
407*382*232mm



Port
5× USB Type-A ports
1× RJ11 Serial port
1× RJ12 cash drawer port
1× RJ45 LAN port
1× Audio jack
1× Power port
1× Micro USB debug port

Optional



SIM Card Slot
1× SIM card slot,
Support 1.8V/3.0V



3D Structured Light Camera
Support facial recognition payment
Please contact the local sales for more information

Note:

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Desktop POS

SUNMI T2 LITE



- Qualcomm snapdragon octa-core.
- 15.6" 1920x1080 resolution main display.
- Space gray aluminum alloy base.
- Support Wi-Fi and 100M Ethernet.
- 3D structured light camera can be used to support facial recognition payment.



VESA robotic arm (optional)



3D structured light camera supports facial recognition payment



Dual-monitor interaction



Check-out



Ordering



Self-service payment

SUNMI T2 LITE

Technical specifications

Display 15.6"

Main display:
15.6" FHD
1920x1080



Display 15.6" +10.1"

Main display:
15.6" FHD 1920x1080
Customer display:
10.1" HD 1024x600



Display 15.6" +15.6"

Main display :
15.6" FHD 1920x1080
Customer display:
15.6" FHD 1920x1080



OS
Android 7.1
SUNMI OS



CPU
Qualcomm Snapdragon
Octa-core



Memory
2GB RAM + 16GB ROM



Touch Screen
Capacitive
multi-touch screen



Adapter
INPUT: AC100-240V/1.7A
OUTPUT: DC24V/1.5A



Wi-Fi
2.4G/5G
Support IEEE 802.11 b/g/n



Bluetooth
Support BLE
Support Bluetooth
2.1/3.0/4.0



Speaker
1.2W



Button
Power button
(lock screen button)
Volume up/down button



Micro SD (TF)
Support (up to 64G)



Environment
Operating temperature:
0°C ~ 40°C
Storage temperature:
-10°C ~ 50°C



Size
430*382m*215mm



Port
5x USB Type-A ports
1x RJ11 Serial port
1x RJ12 cash drawer port
1x RJ45 LAN port
1x Audio jack
1x Power port, 1x Micro-USB debug port

Optional



SIM Card Slot
1x SIM card slot
Support 1.8V/3.0V



3D Structured Light Camera
Support facial recognition payment
Please contact the local sales for more information

Note:

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2. The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Desktop POS

SUNMI T2 MINI



- Qualcomm snapdragon octa-core.
- Equipped with customer display, QR code scanner, NFC.
- Recognize QR code within 0.03 second.
- 11.6" IPS HD display (view angle up to 170°).
- Support Wi-Fi and 100M Ethernet.
- Alternative 58mm/80mm Seiko printers.



Scanning



NFC



Ordering



Queue control



Check-out



SUNMI T2 MINI

Technical specifications



Customer screen

OS

Android 7.1
SUNMI OS



CPU

Qualcomm Snapdragon
octa-core



Memory

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



Display

Capacitive multi-touch screen
11.6" 1366x768
11.6" 1920x1080 (optional)



Adapter

Input: AC100-240V/1.7A
Output: DC24V/2.5At



Wi-Fi

2.4G
Support IEEE b/g/n



Bluetooth

Support BLE
Support Bluetooth 2.1/3.0/4.0



Speaker

1.2W



Button

Power button
(lock screen button)
Volume up/down button



Printing

Paper width: 58mm
Print speed: 70mm/s
Till roll diameter: 60mm
OR
High-speed thermal printer
with automatic cutter
Paper width: 80mm
Print speed: 160mm/s
Till roll diameter: 60mm



MicroSD (TF)

Support (up to 64G)



Environment

Operating temperature:
0°C ~ 40°C
Storage temperature:
-10°C ~ 50°C



Size

257.1*302.9*106.6mm



Port

4x USB Type-A ports
1x RJ11 Serial port
1x RJ12 cash drawer port
1x RJ45 LAN port
1x Audio jack
1x Power port
1x Micro USB debug port

Optional



SIM Card Slot

1x SIM card slot
Support 1.8V/3.0V



Scanning Window & NFC

(optional)

Note:

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Cashier Scale

SUNMI S2



- An all-in-one (scale, receipt printer and cash register integrated) scale.
- 15.6" dual-display; 1920×1080 FHD resolution.
- Qualcomm snapdragon octa-core.
- Support Wi-Fi and 100M Ethernet.
- Suspended aluminum alloy die-casted scale body design.
- Electronic blister patented technology ensures accurate weighing.



Printing



Dual-display interaction



Ordering



Self-service weighing



Self-service payment



Check-out



Support 3D camera facial recognition payment (optional)

SUNMI S2

Technical specifications

Display 15.6"

Main display :
15.6" FHD 1920×1080



Display 15.6" +10.1"

Main display :
15.6" FHD 1920×1080
Customer display:
10.1" HD 1024×600



Display 15.6" +15.6"

Main display :
15.6" FHD 1920×1080
Customer display:
15.6" FHD 1920×1080



CPU
Qualcomm Snapdragon octa-core



OS
Android 7.1
SUNMI OS



Memory
2GB RAM + 16GB ROM



Touch Screen
Capacitive multi-touch screen



Adapter
Input: AC100-240V/1.7A
Output: 24V/2.5A



Wi-Fi
2.4G/5G
Supports IEEE 802.11 a/b/g/n



Bluetooth
Support BLE
Support Bluetooth 2.1/3.0/4.0



Speaker
3W



Button
Power button (lock screen button)
Volume up/down button



Printer
High-speed thermal printer with auto cutter
Print speed: 200mm/s
Paper width: 80mm
Till roll diameter: 80mm
Paper roll Diameter:80mm



Environment
Operating temperature:
0°C ~ 40°C
Storage temperature:
-10°C ~ 50°C



Size
382*338*224mm



Port
5x USB Type-A ports
1x RJ11 Serial port
1x RJ12 cash drawer port
1x RJ45 LAN port
1x Audio jack
1x Power port
1x Micro-USB debug port



Range
Max=6kg/15kg(dual rang)
Min=40g
T=-5.998kg



Division value
e=d=2g/5g

Optional



SIM Card Slot
1x SIM Card slot
supports 1.8V/3.0V



3D Structured Light Camera
Support facial recognition payment
Please contact the local sales for more information

Note:

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2. The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Self-service Kiosk

SUNMI K1

Catering Version

- Prevent fraud with 3D structured light facial recognition (FR) camera.
- Use 0~20° adjustable camera to realize the facial recognition of people in different heights.
- The 21.5", 1920x1080 FHD touch display is multi-angle visually sensitive.
- Realize fast scanning of payment and commodity code using internationally renowned scanner platform.
- Use Japanese Seiko printer engine to print stably and more quickly.
- Canary deployment, kiosk mode, debug protection... SUNMI cloud OS meets a wide range of commercial needs.

FR
PaymentFace-ID
VerificationSelf-service
OrderingSelf-service
Payment

Self-checkout



Scanning



Printing



SUNMI K1

Technical specifications



Desktop

desk-top configuration;
floor-standing configurationVESA standard
wall-mounted configuration

OS
Android 7.1
SUNMI OS

CPU
Quad core 1.8GHz

Display
Display size: 21.5" FHD
Resolution: 1080*1920
View angle: 178° (typ.)

Camera
3D structured light HD
camera

Scanner
Printed 1D/2D barcodes
1D/2D barcodes on
mobile screens

Printer
80-column thermal printer
with automatic cutter
Support 80mm OD till roll
Print speed up to 150mm/s

MicroSD (TF)
Support (up to 64G)

Speaker
2 x 3W
(one on each side)

Wi-Fi
Support IEEE 802.11b/g/n

Ethernet
1 x 10/100/1000M
adaptive

Port
1 x Micro-USB port
4 x USB Type-A port

Size
Wall-mounted:
360*110*820mm (WxDxH)
Floor-standing:
710*630*1660mm (WxDxH)

Weight
wall-mounted: 17.6kg
Floor-standing: 54.8kg

Adapter
AC100~120V
AC200~240V

Environment
Working temperature:
0 ~ 40°C
Storage temperature:
-20°C ~ 55°C

Note:

1. Actual memory will be reduced due to a number of factors and may vary. Operating system also occupies some memory.

2. The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Self-service Kiosk

SUNMI K1

Retail Version

- Prevent fraud with 3D structured light facial recognition (FR) camera.
- Realize the facial recognition of people in different heights with a 0~20° adjustable camera.
- The 21.5", 1920x1080 FHD touch display is multi-angle visually sensitive.
- Realize fast scanning of payment and commodity code using internationally renowned scanner platform.
- Use Japanese Seiko printer engine to print stably and more quickly.
- Canary deployment, kiosk mode, debug protection... SUNMI cloud OS meets a wide range of commercial needs.

FR
PaymentFace-ID
VerificationSelf-service
Payment

Self-checkout



Scanning



Printing

SUNMI K1

Technical specifications



Desktop

desk-top configuration;
floor-standing configurationVESA standard
wall-mounted configuration

OS
Android 7.1
SUNMI OS

CPU
Quad core 1.8GHz

Display
Display size: 21.5" FHD
Resolution: 1920*1080
View angle: 178° (typ.)

Camera
3D structured light HD
camera

Scanner
Printed 1D/2D barcodes
1D/2D barcodes on
mobile screens

Printer
80-column thermal printer
with automatic cutter
Support 80mm OD till roll
Print speed up to 150mm/s

MicroSD (TF)
Support (up to 64G)

Speaker
2 × 3W
(one on each side)

Wi-Fi
Support IEEE 802.11b/g/n

Ethernet
1 × 10/100/1000M
adaptive

Port
1 × Micro-USB port
4 × USB Type-A port

Dimensions
Wall mount:
360*110*820mm (WxDxH)
Floor stand:
710*630*1660mm (WxDxH)

Weight
Wall-mounted: 17.6kg
Floor-standing: 64.8kg

Adapter
AC100~120V
AC200~240V

Environment
Working temperature:
0 ~ 40°C
Storage temperature:
-20°C ~ 55°C

Note:

1. Actual memory will be reduced due to a number of factors and may vary. Operating system also occupies some memory.

2. The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Self-service Kiosk

SUNMI H1

- Prevent fraud with 3D structured light facial recognition (FR) camera.
- Capture facial characteristics with smart lighting camera.
- The 21.5", 1080x1920 FHD touch display is multi-angle visually sensitive.
- Ergonomically enhance UX through thoughtful 107° screen bevel design.
- Accurately and quickly recognize ID documents with proprietary ID reading area.
- Preparing in advance with features of flexible card capacity and card balance alarm.
- Canary deployment, kiosk mode, debug protection...
SUNMI cloud OS meets a wide range of commercial needs.

FR
PaymentFace-ID
VerificationID Document
ReadingCard
Dispenser

SUNMI H1

Technical specifications

OS OS
Android 7.1
SUNMI OS

CPU
Quad-core, 1.8G

Display
21.5" 1080*1920 resolution
178°G+G capacitive
multi-touch screen
supports 10-point touch

Door Lock System
Android/windows

Card Reader & Dispenser
100 cards
cyclic dispensing

Wi-Fi
support IEEE 802.11b/g/n

Ethernet
2x10/100/1000M
self-adaptive

Speaker
2 x 3W

Camera
3D structured light HD
camera

ID Document Reading
Reads 2nd and 3rd generation
ID cards

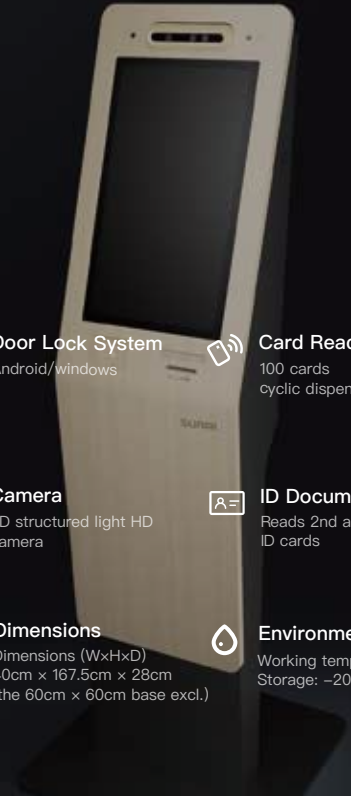
Port
2 x USB

Structure
Floor-standing layout

Adapter
AC100~120V
AC200~240V

Dimensions
Dimensions (WxHxD)
40cm x 167.5cm x 28cm
(the 60cm x 60cm base excl.)

Environment
Working temperature: 0 ~ 40°C
Storage: -20°C ~ 55°C



Note:

1. Actual memory will be reduced due to a number of factors and may vary. Operating system also occupies some memory.
2. The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Network Devices

SUNMI W1

Commercial routers designed for merchants

More professional than home routers yet simpler to use than enterprise models

128 Terminals

Stable connection even during peak traffic periods

SUNMI QoS

Rapid collection of orders even during network congestion

SUNMI Link

One-touch Sunmi device connection

SUNMI App

In-store status available anytime, anywhere



Qualcomm CPU



1300Mbps



Gigabit Port



Industrial Power Supply



2.4G&5G



Blacklist



Guest Wi-Fi



OTA Update

SUNMI W1

Technical specifications

OS System Linux	CPU Qualcomm	Wireless Standards 802.11 a/b/g/n/ac	USB USB 2.0	Port WAN 1x 10/100/1000Mbps
Frequency & Signal Rate 2.4GHz Wi-Fi 450Mbps 5GHz Wi-Fi 867Mbps	Antenna 6*external antenna	Memory Flash 16MB RAM 128MB	Button SUNMI Link Button Reset Button	Adapter 100-240V~50/60Hz 0.5A
Size 230*166*42mm	Indicator Light Power light WAN light LAN light Wi-Fi light SUNMI Link light	Environment Operating Temperature: -10°C - 45°C Storage Temperature: -40°C - 70°C Operating Humidity: 10% - 90%RH non-condensing Storage Humidity: 10% - 90%RH non-condensing		

Note:

1. Actual memory will be reduced due to a number of factors and may vary. Operating system also occupies some memory.
2. The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Intelligent Camera

SUNMI Face Sense Camera



- Identify customers in the store with high-performance AI chips.
- Estimate customer flow trend to obtain the conversion rate.
- Obtain more dimensional data for more comprehensive analysis
- with the camera installed over the cashier counter or doorway.



Accurate Customer
Portrait



Customer
Flow Trend



Operation Data
Analysis

SUNMI Face Sense Camera Tech Specs



Processor

Built-in high-performance AI chip



Lens

2.8-8mm zoom lens
@F1.6, View Angle:
H 106.6°~51.8°,
V 76.8°~38.8°,
D 147.8°~64.8°



Wide Dynamic Range

Up to 100dB; enough for
the monitor in the indoor
backlight environment



Night Vision

Infrared cut removal
8m IR Distance



Image Resolution

1920x1080



Storage

Supports Micro SD (TF)
card up to 256GB



Ethernet Interface

One RJ45 10/100Mbps
Ethernet port



Wireless Standard

2.4GHz 802.11b/g/n



Audio Interface

One built-in MIC



Environment

Operating Temperature:
-10°C to 45°C, Operating Humidity:
Less than 95% (non-condensing)



Power Supply

Input: AC 100~240V,
Output: DC 12V/1A,
PoE 802.3af



MIN Illumination

0.01Lux@F1.6 (Color),
0.001Lux@F1.6
(Black-and-white),
0Lux (IR ON)



Compression Standard

H.264



Net Weight

265g



Dimensions

148*76*54mm

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Intelligent Camera

SUNMI Store Sense Camera

- 360° panoramic.
- 1080P HD.
- Cashier auditing – record transactions meticulously.
- Intelligently identify jobbery including transferring order secretly.
- Monitor & manage store anytime at anywhere via SUNMI App.



200m² Coverage Day & Night
(One Camera)


















Meticulous
Record



Anytime & Anywhere
(SUNMI App)

SUNMI Store Sense Camera Tech Specs

 System Linux	 Lens 1.8 mm fisheye lens @F2.4	 Minimum Illumination 0.1Lux@F2.4 (Color) 0.01Lux@F2.4 (Black & White) 0Lux (IR ON)	 Wide Dynamic Range Up to 100dB; enough for the monitor in the indoor backlight environment	 Night Vision Infrared cut removal 8m IR distance
 Image Resolution 1440x1440	 Compression Standard H.264	 Storage Supports Micro SD (TF) card up to 256GB	 Ethernet Interface 1 RJ45 10/100Mbps Ethernet port	 Wireless Standard 2.4GHz 802.11b/g/n
 Audio Interface One built-in MIC	 Dimensions Φ117.3 × 46.3mm	 Net Weight 260g	 Environment Operating Temperature: -10°C to 45°C Operating Humidity: Less than 95% (non-condensing)	 Power Supply Input: AC 100-240V Output: DC 12V/1A PoE 802.3af

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3. The size of monitoring picture depends on the installation height of the camera.

SUNMI ELECTRONIC SHELF LABEL

- Simple and aesthetic “family-style” design.
- Thinnest panel & graceful curve.
- All series with seven-color LED.
- All series with active NFC.
- Automatic frequency-hopping.



Real-time price adjustment



Enhanced user experience



Intelligent marketing assistant

SUNMI ELECTRONIC SHELF LABEL

Technical specifications


ESL (Multi-size & Multi-version)

 **Model**
SL121
Specs
2.13 inches
BWR

 **Model**
SL126
Specs
2.6 inches
BWR

 **Model**
SL126+
Specs
2.6 inches
BW
Anti-freezing -20°C

 **Model**
SL142
Specs
4.2 inches
BWR

 **Model**
SL142+
Specs
4.2 inches
BWR
Dustproof & waterproof IP67

 **Model**
SL175
Specs
7.5 inches
BWR

 **Screen**
E-paper display

 **LED**
7-color LED


 **NFC**
Active NFC

 **Battery**
5 years

 **OTA**
Support

AP

 **Model**
SLAP1

 **Communication Channel**
4 channels


 **Max ESLs Support**
10000pcs

 **Installation**
Ceiling/Wall-mounted

 **OS**
SUNMI IoT System

 **Communication Protocol**
2.4GHz Private Protocol

 **Ethernet**
100M RJ45

 **Coverage Radius**
25m (lab result)

 **Power**
5V DC/PoE

 **OTA**
Support

Printer

SUNMI 58 Thermal Receipt Printer

- Print at 165mm/s with 58 high-performance Seiko thermal print head.
- Compatible with systems including Windows/Android.
- High capacity to accommodate 58mm width, 60mm diameter till roll.
- Obtain printer status from cash register backstage and LED indicator.
- Tear receipts with one hand easily due to the zig-zag cutter edge design.
- Space-saving built-in adapter and plug-and-play Type-C USB port.



Takeaway
Ordering



Mobile
Ordering



Print at
Reception

SUNMI 58 Thermal Printer Tech Specs



Printer

Print mode: thermal line
Resolution:
203 × 203DPI
Active print width:
48mm Max
Print speed:
up to 165mm/s



Storage

Memory: 64KB
FLASH: 4MB



Character Sets

Font library:
Default GB18030+English
International character set:
U.S.A., France, Germany,
U.K., Denmark I, Denmark II,
Italy Sweden, Spain I,
Spain II, Japan, Norway,
Latin America, Korean



Barcode

1D: Code 39, Code 93,
Code 128, Codabar,
Interleave 2 of 5, EAN-8,
EAN-13, EAN-128, UPC-A,
UPC-E, EAN/UPC
(2-digit or 5-digit
additional code)
2D: QR, 512 characters Max.



Detections

Sensor: short-of-paper
detection, temperature detection,
print head fault point detection,
power voltage detection



Keys

Function key: one
Power on/off: one



LED Indicators

Power: blue
Warning: red



Ports

Cash drawer:
one RJ12, 12V/1A
Communication: Type-C
USB2.0
Power: 8-shape power port



Power Supply

Input: AC 100 - 240V
~50/60Hz
Output: DC 12V/2.5A
Method:
built-in power supply



Paper

Type: continuous thermal paper
Width: 58mm
Thickness: 51micron~68micron
Diameter: Max.Φ60mm
Separation: tear
Paper out direction: front/top



Environment

Working environment:
0°C~50°C,
30%~85%RH (40°C)
Storage environment:
-20°C~60°C,
10%~90%RH (40°C)



Protocol Driver

Printing protocol:
ESC/POS instruction set
Operating system:
Windows 7/8/10, Android



Size

116mm (L) ×116mm (W) ×116mm (H)

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Barcode-reader

SUNMI 2D Handheld Scanner



reddot design award
winner 2019

- Equipped with a high-performance imaging chip that captures even the shakiest frames, this scanner has a high motion tolerance that doesn't compromise on quality.
- The ultra-quick decoding algorithm truly interprets high speed as it accurately identifies folded, stained and even distorted barcodes for easy use.
- The scanner will vibrate when scanning is completed successfully so that you won't have any miss.
- With looks that follow the latest design trends, the scanner enhances your store's image.
- Comes with a three-year warranty (which even covers the built-in wire rods).

*Does not cover physical damage



Scanning Barcode



Mobile Payment



Drop-Proof



Plug and Play



SUNMI Handheld Scanner

Technical specifications

OS Windows/iOS Android/Linux	Image sensor CMOS	Pixel 640*480	Reading precision ≥3mil	Reading depth of field EAN13 (13mil) 55mm~300mm QR CODE (15mil) 35mm~190mm
Lighting White LED	Adapter Operating voltage: DC5V±5% Operating current: <500mA	Prompt method Buzzer, vibrator, LED prompt	Focusing Red light LED 625nm	Barcode sensitivity Inclined ±50° / Rotary 360° / Deflected ±50°
Field of view angle Horizontal 45° Vertical 34°	Symbol contrast ≥30%	Environment Operating temperature: -10°C ~ 50°C Storage temperature: -40°C ~ 70°C Relative humidity: 5%-95% (non-condensing) Electrostatic protection: ±8kV (direct discharge) ±15kV (air discharge) Drop height: 1.2M	Size 160mm*95mm*71mm	Port 1x USB Type-A
Code Recognition System 1D: Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, RSS-14, RSS-Limited, RSS-Expand 2D: PDF417, QR Code, Data Matrix				

Note:

- 1.The actual scan depth and angle depend on the operating environment and the size of the barcode, making it necessary to adjust the relative positioning of the device and the document or device containing the barcode to ensure a correct reading
- 2.The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Barcode-reader

SUNMI Blink

- Plug and play; supports for personalized customization.
- Sensor light & beeps are equipped for payment prompt.
- The scan angle conforms to Ergonomics.



Metal texture
frame



Mobile payment



SUNMI BLINK

Technical specifications



OS
Windows
iOS
Android
Linux



Scanning Window
75*75mm



Recognition Precision
QR code > 10mil



Sensor
0.3 MP
CMOS sensor



Operating Current
< 190mA



Symbolologies
QR CODE
CODE 128 (1D code)



Maximum Frame Number
30FPS



Input
5V ± 0.5V



Size
97*90*100mm



Port
1x USB Type-A
(with 1.5m wire)



Operating Environment

Operating temperature: 0°C ~ 40°C
Storage temperature: -10°C ~ 50°C
Operating humidity: 5% ~ 95% (non-condensing)

Note:

The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Power Supply Device

POS POWER BANK



reddot design award
winner 2019

- Portable and rugged aluminum alloy housing.
- Provides suitable and efficient power supply.
- On-line UPS function.
- Low battery sound&light alarm.



Overcharge
Protection



Over-discharge
Protection



Short-circuit
Protection



Error-proof
Protection



POS POWER BANK Technical specifications

<p>Battery Li-Ion battery</p>	<p>Rated capacity (2 Specs Available) 2500mAh/DC18V (45Wh) 5000mAh/DC18V (90Wh)</p>	<p>Rated output capacity (2 Specs Available) 1500mAh/DC24V (36Wh) 3000mAh/DC24V (72Wh)</p>	<p>Rated Input DC24V/1.25A</p>	<p>Rated Output DC24V/2.5A</p>
<p>Other functions UPS Charge and discharge indicator Low battery sound and light alarm</p>	<p>Charging temperature 0 ~ 45°C</p>	<p>Discharging temperature -20 ~ 55°C</p>	<p>Security Overcharge voltage protection Over-discharge voltage protection Over-temperature protection Charge over-current protection Discharge over-current protection Short-circuit protection Error-proof protection</p>	

*The POS power bank must be charged within the temperature range of 5°C-45°C and discharged within the temperature range of 0°C-45°C.
If you charge or discharge the POS power bank beyond this temperature range, it will result in the drastic reduction of battery capacity and the shortening of use time.

Note:

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Keyboard

SUNMI 89-Key Commercial Keyboard

- The number keys on the right side are enlarged to meet the need of touch typing.
- A shortcut key to open cash drawer as well as 16 customizable keys are equipped.
- Personalized stickers and wearproof transparent keycaps are included.
- Shake off water easily after detaching the keyboard from the cable.
- Compatible with systems including Windows/Linux.



276mm Narrow Edges Design



Customizable Keys



Enlarged Number Keys



Service Life Up to 15,000,000 Strokes

SUNMI 89-Key Commercial Keyboard

Tech Specs



Type
Chiclet keyboard



Number of Keys
QWERTY 89 keys
(16 keys customizable)



Service Life of Keys
≥15,000,000 strokes



Key Stroke Motion
3.0mm



Key Stroke Pressure
55±15g



Transmission Mode
USB 2.0



Port
TYPE-C USB



Indicator Light
Caps lock indicator light



IP Rating
IP55



Dimensions
275.9*113.1*11.8mm
(thinnest)

OS Operating System
Android, Windows, Linux

Cash Drawer

SUNMI Mini Cash Drawer

- The high-toughness ABS matt panel is adopted which is rustless and won't hurt your hands.
- Same capacity, reduced volume (by 22.5%) compared with traditional small cash drawers.
- It can be opened with one press on the key for solid and smooth industrial bearings are used.
- With wide-area voltage driven design it suits to 9V/12V/24V cash register output voltage.
- Give you a neat work table with a cable storage compartment on the top.
- Strengthened steel metallic clips covered by durable ABS is adopted for noise reduction.



10Kg
Bearable



1,000,000+
Operations



Open
Interfaces



Customizabl
Safety Reminder



Three Positions
Lock Design

SUNMI Mini Cash Drawer Tech Specs



Cash Drawer
Plastic and metallic



Trays
Four normal bill & one
big bill trays
Three coin trays



Metallic Bearing
Up to 10kg bearable



Cable
RJ12, 6P4C, 0.8m



Lock
Three positions lock
(electronic, manual and
deadlock)



Bill Clip
Plastic and metallic



**Cable Storage
Compartment**
Rear-set
compartment with cover



Drive Voltage
DC9V~24V, 1A



Drive Pulse Width
100ms - 300ms



Drive Protections
3A overcurrent protection
triggered by electromagnetic
valve shrot circuit
Input pulse overvoltage
protection
Input pulse timeout protection
Self-adaptive to 9V~28V input
voltage
Contact ESD 8KV/air ESD 15KV
Termal shutdown



Service Life
≥1000000 operations



Noise
<50dB



Status Feedback
Status detection
switch



Dimensions
W317mm x L332mm x H72mm



Weight
2.3 Kg



Working Environment
Working temperature and humidity:
0°C ~ 45°C, 30% ~ 85%
Storage temperature and humidity:
-20°C ~ 60°C, 10% ~ 90%