

Mobile

Terminals and Solutions



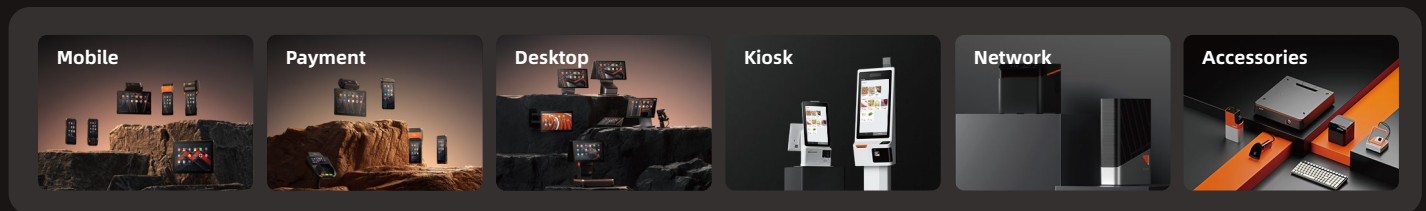
About SUNMI

SUNMI is leading the move to Android for business digitization solutions through attractive business IoT devices and End-to-End platform. We have more than 15 overseas branches spreading across five core regions: Asia-Pacific, Europe, North America, Latin America, Middle East and Africa.

SUNMI BioT Product Ecosystem

SUNMI Business IoT Products

SUNMI has rolled out a wide range of IoT products created for the retail, restaurant, financial, healthcare, and the public sector among other sectors.



SUNMI End-To-End Platform

SUNMI's value proposition is not only attractive devices. It is an End-To-End Platform and a full ecosystem. Manage your device fleet, keys and contents. And reduce your costs.

SUNMI OS 4.0

(SUNMI Business Operating System)

SUNMI OS acts as a hardware abstraction layer over the entire SUNMI device portfolio to enhance user and customer experience.

Business UI

System App

SDK

One ID

Security Engine

SUNMI DMP

(SUNMI Device Management Platform)

Global Cloud

Local Cloud

Private Cloud

Remote Assistance

OTA

App Distribution

POS Steward

SUNMI APP STORE

(SUNMI Advanced Application Management)

Secured, Flexible and Economical.
Publish your apps and build your customized App Store.

Business Solutions for All Industries

Together with partners around the world, SUNMI creates digital solutions for businesses including retail, F&B, finance, logistics, public services, transportation, and more.





Mobile

Terminals and Solutions

Driven by the fast-developing mobile Internet, new-gen digital technologies and products are gaining increasing importance in economy and business. Over the years, SUNMI mobile devices, being applicable in the retail, restaurant, logistics and manufacturing businesses, parking charges, validity period management and etc, have helped many merchants and enterprises to accelerate online and offline integration and contributed to the digital transformation of their store operations.

V Series

Smart Mobile Terminal

Products of V Series, the first handheld product line of SUNMI, integrate the functions of printing, barcode scanning, voice broadcast as well as touch screens, thus meeting merchants' needs in checkout, ordering, order taking and management.

- Food Delivery
- Queue Management
- Mobile Payment
- Mobile Ordering
- Receipt Printing
- Coupon Redemption
- OTA Top-Up
- Marketing Management

L Series

Smart Mobile Terminal

SUNMI L Series are handheld computers which can read barcodes, RFID tags and contactless cards, with which you can enjoy an excellent mobility, and efficiently collect and manage a large amount of data.

- Warehouse Management
- Express & Logistics
- Item Management
- Mobile Police Service
- Mobile Nursing
- Production Management

M Series

Smart Mobile Terminal

Big touch screen, easy operation, toughness, guaranteed performance. SUNMI enterprise tablets are designed to meet all your needs in doing business, and to drive your efficiency as well as customer experience.

- Mobile Ordering
- Mobile Payment
- Information-based Store Management
- Shopping Guide

Smart Mobile Terminal

SUNMI V3 MIX New



reddot winner 2024



MIX, the all-in-one enterprise tablets.



MIX your POS terminal to capture businesses anywhere, anytime.

10" high-resolution display and a built-in high speed printer make a mobile and desktop terminal.

MIX, design not only for payment.

Ergonomically designed for a comfortable grip. Professional scanner integrated 1D/2D barcode scanning. Aluminum-magnesium alloy frame and incell touchscreen make it strong yet slim and light.

*All Pictures shown are for illustration purpose only, actual product may vary.

MIX for higher performance.

Qualcomm hexa-core processor and 4GB RAM+32GB ROM for an assured strong performance.

MIX for wider extensibility.

Specially designed rotatable functional cradle enable cash drawer, handheld scanner and network among other accessories that boost your business.

*Both rotatable cradle and non-rotatable cradle options are available.



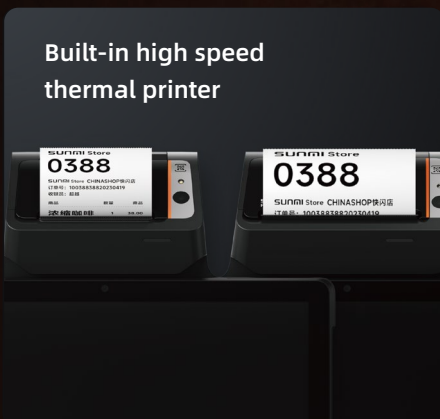
Multi-function Cradle



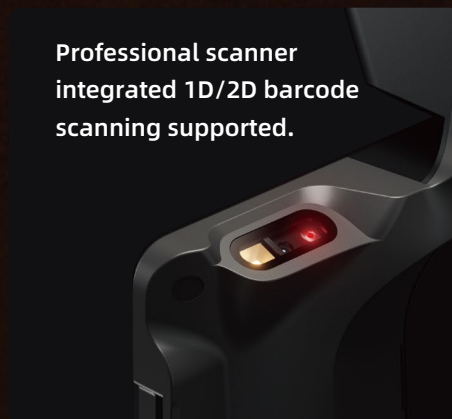
Wall Mount



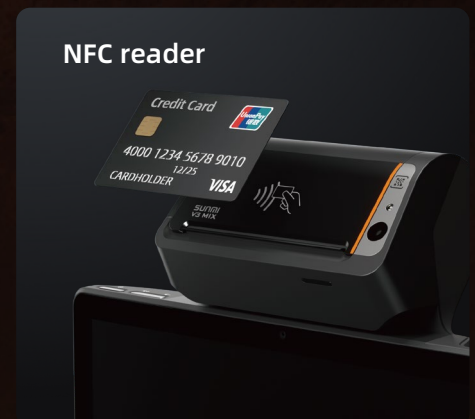
USB customer display



Built-in high speed thermal printer



Professional scanner integrated 1D/2D barcode scanning supported.



NFC reader

SUNMI V3 MIX Application Scenario



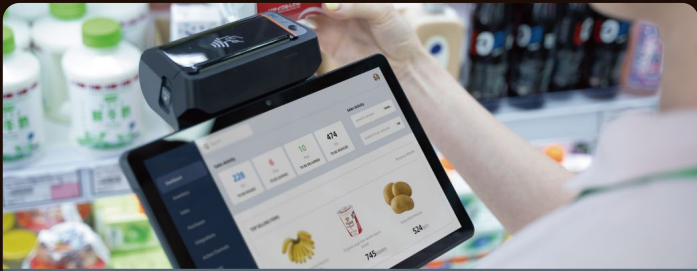
Tableside Ordering



One-on-one Service



Drive Thru



Inventory Check

SUNMI V3 MIX Tech Specs

General Configuration

Product Model T5701 58mm version T5711 80mm version	OS SUNMI OS 4.0 (based on Android 13)	Processor Qualcomm hexa-core 2.4/2.0GHz	Memory 4GB RAM+32GB ROM	Display 10.1" HD 1280 x 800 IPS
Battery Removable Lithium battery 7.2V/2600mAh	Camera Front 2MP FF QR Payment 0.3MP FF	Scanner 2D professional scanner	Wi-Fi Supports IEEE 802.11 a/b /g/n/ac 2.4G/5G	Speaker 1.2W
Bluetooth BT2.1/3.0/4.2, supports BLE	Button Power Key, Volume Key and Scan Key	GPS GPS, AGPS	NFC Reader Type A&B card Mifare card, FeLica card ISO/IEC 14443 and ISO 15693 compliant	PSAM Card Slot PSAM Card slot, complies with ISO7816 standard, 1.8V/3.0V
SIM Card Slot Dual Nano SIM Card slot, Support 1.8V/3.0V	SD Card Slot MicroSD *1	Fingerprint Only for login (Optional)	Power Adapter Input: AC100-240V, Output: 5V/2A	Dimensions (L*W*H) 246*231*73mm
Weight 670g(58mm)/710g(80mm)	Cradle (Optional) For charging, 3*USB Type A, RJ11, RJ45	Cradle Customer Display (Optional) USB 6.7" touchscreen	Environment Operating temperature: 0°C~45°C (except 3D camera) Storage temperature: -20°C~60°C	

	58 Version	80 Version
Printer	Thermal Printer, Print speed: 70mm/s Paper Roll Width / Diameter: 58mm/ 40mm	Thermal Printer, Print speed: 70mm/s Paper Roll Width / Diameter: 80mm/ 40mm

*All specifications are subject to change without (prior) notice.

Smart Mobile Terminal

SUNMI V2s

Your digital partner to leap forward.

Label & Classic / Standard / Label & NFC / Label & Scanner



Beyond Performance

V2s is equipped with various memory configurations and demonstrates enhanced operating speed*.

The built-in 3500mAh removable battery enables a smooth and long-lasting experience.

Ticket and Label Printing

Dual printing for ticket and label printing, with SUNMI's label position auto-detection algorithm for a more accurate printing. A new movable fixator has been designed to enhance paper roll installation and make it more stable.

2D Scan Engine

Upgraded to a professional 2D scan engine, to read 1D/2D barcodes even if scratched, folded or stained.

Strengthened Protection

Rubber seals added to the edges of the paper bin, charging port, and earphone port .

Reinforced protection to resist 1.2m drop *.

*Data from SUNMI Lab



Charging
Base



Hand
Strap



Rugged
Case

SUNMI V2s Tech Specs

General Configurations

Product Model T5940	Processor Quad-Core 2.0GHz	Display 5.5"HD+, 1440*720 Capacitive multi-touch	Speaker 1*1W	Network 2G & 3G & 4G
Wi-Fi 2.4GHz/5GHz IEEE 802.11 a/b/g/n/ac	Bluetooth Bluebooth 2.1/3.0/4.2, BLE	GPS GPS, AGPS	Battery Removable, Lithium Polymer battery 7.7V/3500mAh (equal to 3.85V/7000mAh)	Power Adapter Input: AC 100~240V Output: DC 5V/2A
Dimensions (L*W*H) 219.1*80*17.8 mm	Total Weight 417g (including battery) 300g (without battery)	Protection 1.2m *Data from SUNMI Lab	Environment Operating temp: -10~50°C Storage temp: -20~60°C	Accessories (Optional) Multi-Cradle silicon cover Screen tempered glass Sling Hand strap

Version	Label & Classic	Standard	Label & NFC	Label & Scanner
OS	SUNMI OS (*based on Android 12 Go Edition)	SUNMI OS (*based on Android 11/ Android 12 Go Edition) GMS Certified	SUNMI OS (*based on Android 11 Edition) GMS Certified	SUNMI OS (*based on Android 11 Edition) GMS Certified
Camera	Rear: 5.0MP Auto Focus with Flash LED Support 1D/2D	Rear: 5.0MP Auto Focus with Flash LED Support 1D/2D	Front: 2MP FF Rear: 8.0MP, Flash, AF 1D/2D barcode scanning	Front: 2MP FF Rear: 8.0MP, Flash, AF 1D/2D barcode scanning
Memory	1GB RAM+8GB ROM	2GB RAM+16GB ROM 3GB RAM+32GB ROM	2GB RAM+16GB ROM 3GB RAM+32GB ROM	2GB RAM+16GB ROM 3GB RAM+32GB ROM
NFC Reader	N/A	N/A	Type A & B card, Mifare card, Felica card; ISO/IEC 14443 and ISO 15693 compliant	Type A & B card, Mifare card, Felica card; ISO/IEC 14443 and ISO 15693 compliant
Scanner	N/A	N/A	N/A	2D barcode scan engine
PSAM Card Slot	N/A	N/A	2* PSAM	2* PSAM
SIM & MicroSD Card Slot	2* Nano SIM 1* MicroSD	2* Nano SIM 1* MicroSD	2* Nano SIM 1* MicroSD	2* Nano SIM 1* MicroSD
Printer	High speed, 58mm thermal printer Print speed: 80mm/s Paper roll: Φ40mm Support till roll of 58mm width, 40mm roll diameter Support receipt printing Support label printing, Label paper specs: 30-58mm wide ≥20mm high, 2mm wide gap	Built-in 58mm thermal printer Print speed: 80mm/s Paper roll: Φ40mm Support receipt printing	Built-in 58mm thermal printer Print speed: 80mm/s Paper roll: Φ40mm Support receipt & label printing; Label paper specs: 30-58mm wide, ≥20mm high, 2mm wide gap	Built-in 58mm thermal printer Print speed: 80mm/s Paper roll: Φ40mm Support receipt & label printing; Label paper specs: 30-58mm wide, ≥20mm high, 2mm wide gap
Buttons	1 * Power Button 2* Volume (+/-) Button	1 * Power Button 2* Volume (+/-) Button	1 * Power Button 2* Volume (+/-) Button	1 * Power Button 2* Volume (+/-) Button Scan Left/Right
Ports	1* Type-C, OTG supported 1* Audio Jack	1* Type-C, OTG supported 1* Audio Jack	1* Type-C, OTG supported 1* Audio Jack	1* Type-C, OTG supported 1* Audio Jack
Cradle	Not supported	Multi-function Cradle optional	Multi-function Cradle optional	Multi-function Cradle optional

*SUNMI reserves the right to modify the product information and contents on this website without notice.

Smart Mobile Terminal

SUNMI V2s PLUS

Pushing the boundaries to help you achieve more.

Standard Version / Scanner & NFC Version / GMS Version

Three Printing Types Supported For Increased Flexibility

Support receipt, label and black mark printing* and 80mm printing sizes. Besides, the print speed is upgraded to 80mm/s MAX.

7.7V/3500mAh Large Capacity Removable Battery Duty Round The Clock, Effortlessly

A fully charged V2s PLUS can last for 14 days in standby mode, or work continuously for over 16 hours. Removable battery design brings longer run time and lasting productivity.

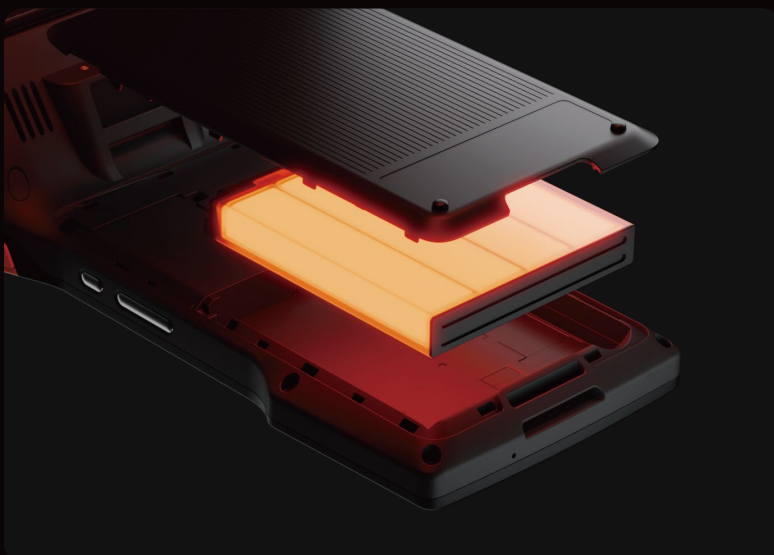
One Scan Engine To Support All Types Of Barcodes*

Read any 1D or 2D barcodes, even if scratched, folded or stained.

New Configuration For A Performance Boost

The leap in performance gives you the ability to smoothly switch between multi-apps and power up your business. The new SUNMI OS further enhanced device's security and integration.

* Black mark printing is available in the Scanner Version/GMS Version.
Scanning engine is available with the Scanner Version.





SUNMI V2s PLUS Tech Specs

General Configuration

Product Model T5F01	OS SUNMI OS (*based on Android 11)	Processor Cortex-A53, octa-core (4* 2.0GHz + 4* 1.5GHz)	Display 6.22"HD, 1520*720 IPS Capacitive multi-touch	Network 2G & 3G & 4G
Printer Built-in 80 thermal printer; Print speed: 80mm/s; Paper roll: ϕ 50mm; Receipt printing: 80mm, label printing (wide 60mm~80mm; High>20mm; Gap>2mm)	Wi-Fi 2.4G/5G IEEE 802.11 a/b/g/n/ac	Bluetooth Bluetooth 2.1/3.0/4.2, BLE	SIM Card Slot 2*Nano SIM	
MicroSD Card Slot 1*MicroSD	Speaker 1* 1.2W	GPS GPS/Glonass/Beidou/ Galileo	Port 1* Type-C OTG supported	Battery Removable, Lithium Polymer battery 7.7V/3500mAh (equal to 3.85V/7000mAh)
Power Adapter Input: AC 100~240V Output: DC 5V/2A	Protection 1.0m drop spec *Data from Sunmi Lab	Dimensions 237.2*100.91*63mm	Environment Operating temp: -10°C~50°C Storage temp: -20°C ~ 60°C	Total Weight 535g

	V2s PLUS Standard	V2s PLUS Scanner & NFC	V2s PLUS GMS
Memory	2GB RAM+16GB ROM	3GB RAM+32GB ROM	3GB RAM+32GB ROM
Scanner	N/A	Professional 2D barcode scan engine	N/A
NFC Reader	N/A	Type A & B card, Mifare card, Felica card; ISO/IEC 14443 and ISO 15693 compliant	Type A & B card, Mifare card, Felica card; ISO/IEC 14443 and ISO 15693 compliant
PSAM Card Slot	N/A	4* PSAM	4* PSAM
Camera	Rear:5MP Auto Focus with Flash LED, Support 1D/2D	Front: 2MP FF Rear: 13MP, Flash, AF 1D/2D barcode reading	Front: 2MP FF Rear: 13MP, Flash, AF 1D/2D barcode reading
Buttons	1* Power on/off button (lock screen button) 2* Volume (+/-) button	1* Power on/off button (lock screen button) 2* Volume (+/-) button 2* Scan button	1* Power on/off button (lock screen button) 2* Volume (+/-) button

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

SUNMI V2 PRO

Excellent Design And Practicality

The 5.99" HD+ screen, 13mm thickness (the thinnest part) and double-shot molding all contribute to its excellent design and toughness.

Flexible Printing

Receipt printing configuration option is available.

Surefire Barcode Scanning

With a 2D barcode scan engine*, you can quickly scan barcodes from all directions even when they are damaged, scratched, or contaminated.

Optional Accessory



SUNMI V2 PRO Cradle

A charging base & USB expander specially designed for SUNMI V2 PRO.



V2 PRO

2D Barcode Scan Engine 58mm
Thermal Printer(Receipt)





SUNMI V2 PRO Tech Specs

Product Model T5921	OS SUNMI OS (*based on Android 7.1)	Processor Cortex-A53 quad-core, 1.4GHz	Memory 2GB RAM + 16GB ROM	Display 5.99"HD+, 1440*720 Capacitive multi-touch
Camera Rear: 5MP, Flash, AF 1D/2D barcode reading	Printer Built-in 58mm thermal printer Print speed: 70mm/s Paper roll: φ 40mm	NFC Reader Type A & B card Mifare card, FeliCa card ISO/IEC 14443 ISO 15693 compliant	Scanner(Optional) 2D barcode scan engine	Speaker 1* 1W
PSAM Card Slot 1* PSAM	SIM Card Slot 1* MINI SIM	vSIM Supports vSIM	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 AGPS GPS, Glonass, Beidou	Buttons 1* Power on/off button (lock screen button) 2* Volume (+/-) button	Port 1* Type-C OTG supported	Battery Non-removable LiPo battery 7.6V/2580mAh
Power Adapter Input: AC100~240V Output: DC 5V/2A	Dimensions (L*W*H) 215.2*83*17mm	Total Weight 356g	Environment Operating temp: -10~50°C Storage temp: -20~60°C	Cradle (Optional) USB Cradle, supports charging and USB extension

Smart Mobile Terminal

SUNMI L2s PRO

Time to PRO your frontline operations.



Fast and Seamless Barcode Scanning

Read scratched, stained, crinkled barcodes up to 1m away even on the high shelves in your warehouse.

Triple Protection

L2s PRO is specifically designed to sustain rough environments: IP68 rating, 1.5 drop rate and up to 1.2m deep water for 30 min.

Long Battery Life Enableds Stable Performance

The removable ATL 5000mAh battery features long run time, making L2s PRO a good choice for battery intensive usage. With 18W quick charge, it can be fully charged in 3 hours, further reducing your operations downtime.



Multiple Accessories

Charging Base

PDA and battery can be charged simultaneously.



Four-slot Battery Charger

Support charging up to 4 batteries simultaneously, with intelligent battery management for longer life cycle.



Trigger Handle

Further improve your barcode scanning efficiency especially for warehousing, manufacturing and logistics sectors.



UHF Trigger Handle*

Read multiple RFID tags at once.
Fastest read rate for RFID tags >200 tags/sec.
Longest read range for an RFID tag >10M.

*The read rate and range depend on actual environments.



Protective Case

Protect the PDA from scratches and drop.



Screen tempered glass

Protect screen



Single Charging Base

Charge the PDA device.



4-slot charging base

Support up to 4 PDA charging simultaneously, and can also be charged with a protective case, trigger handle, or hand strap.



Enhanced Performance

Octa-core 2.0GHz processor

Multiple memory config options.
3+32GB, 4+64GB, 6+128GB



Strong Protection

IP68³.
1.5m drop spec⁴.
Corning Gorilla Glass
touchscreen for enhanced drop
and scratch resistance.



NFC

Fast and Accurate Reading

Read distance up to one meter⁵.
Read scratched or crinkled barcodes.
Read barcodes under strong light.
OCR.



High Volume



SUNMI L2s PRO Tech Specs

Product Model

T8920

OS

SUNMI OS
(*based on Android 12)
GMS certified

Processor

Cortex-A53, octa-core
(4*2.0GHz+4*1.5GHz)

Memory

3GB RAM+32GB ROM
4GB RAM+64GB ROM
6GB RAM+128GB ROM
(optional)

Display

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

Camera

Front: 2MP FF
Rear: 13MP, AF, Flash,
support 1D/2D
barcode scanning

NFC Reader

Supports TypeA&B card,
Mifare card, Felica card,
ISO/IEC 14443 and
ISO15693 compliant

Scanner

1D/2D barcode scan
engine

Speaker

1* 1.5W

Card Slot

1* PSAM
1* NANO SIM + 1* MINI SIM
1* MicroSD (TF) up to 256G

Network

2G&3G&4G

Wi-Fi

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

Bluetooth

Bluetooth 5.0
BLE

GPS

AGPS
GPS, Glonass, Beidou,
Galileo

MIC

2* MIC

Buttons

1* Power on/off button
1* Custom button
2* Volume (+/-) button
2* Scan button (left/right)

Ports

1* Audio jack
1* Type-C USB OTG supported
2* Pogo pin at the bottom for charging
8* Pogo pin on the back for accessories

Sensor

Gravity Sensor,
Light Sensor, Compass,
Distance Sensor,
Barometer Sensor (optional)

Battery

Removable polymer lithium
battery, 3.8V/5000mAh

Power Adapter

Input: AC 110-240V
Output: 9V 2A / 5V 2A
*Vary from different versions

Dimensions (L*W*H)

154.4*74.6*17.1mm

Total Weight

250g
*Vary from different versions

Protection Level

IP68
1.5m drop test
*Data from Third-party Lab

Environment

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

Accessories (optional)

Single charging base, Charging base, Trigger handle, UHF trigger handle, Hand strap (included),
4-slot charging base, 4-slot battery charger, Protective case, Screen tempered glass

1. Based on Android 12, SUNMI OS is customized for business scenarios.

2. Some features may be unavailable due to GMS restrictions.

3-5. Certified by third-party authorities.

6. Quick charging functions optional.

7. The usable memory may be less than the installed memory.

8. All specifications are subject to change without (prior) notice.

SUNMI L2H

Powerful PDA, higher, stronger and safer.



Octa-core Processor And SUNMI OS

With an octa-core processor inside and the 11nm manufacturing process adopted, L2H has been greatly improved in performance. The new SUNMI OS also brings you better design, smoothness and security.

Inbuilt Dual-band GPS And Barometer

Minimized position deviation. Locate your staff more accurately to a specific floor with the horizontal and vertical positioning system.

Barcode Reading And OCR*

In addition to reading 1D/2D barcodes (even if scratched, folded or stained), L2H also can recognize printed text with its OCR-enabled scanner.

*SUNMI provides you OCR SDK interfaces for quick and efficient OCR realization.

More Rugged And Durable

Featuring IP67 and 1.5m drop spec, L2H can stand harsh work environments with no compromise in performance.

Fingerprint Lock

Newly added fingerprint lock to protect your data.

*SUNMI provides you OCR SDK interfaces for quick and efficient OCR realization.



SUNMI L2H Tech Specs

Product Model T8911	OS SUNMI OS (*based on Android 11)	Processor Kyro-260 Octa-core (Quad Core, 2.0GHz+Quad Core, 1.8GHz)	Memory 4GB RAM+64GB ROM 6GB RAM+128GB ROM (optional)	Display 5.5" HD, 1440x720 Capacitive multitouch
Camera Front: 5MP FF Rear: 16MP AF Rear camera scanning 1D/2D barcode reading	NFC Reader Type A & B card, Mifare card, Felica card; ISO/IEC 14443 and ISO 15693 compliant	Scanner Professional scan engine (*optional Zebra & Honeywell)	Speaker 1* 1W	PSAM Card Slot 1* PSAM
Fingerprint Sensor Capacitive	vSIM Supports vSIM	Network 2G & 3G & 4G	Wi-Fi 2.4G/5G IEEE 802.11 a/b/g/n/ac/ax ready	Bluetooth Bluetooth 5.1 BLE
SIM Card Slot 1* Nano SIM 1* SIM	TF Card Slot 1* TF	GPS AGPS GPS/Glonass/Beidou/Galileo Support dual band L1/L5	Power Adapter Input: AC 100~240V Output: 5V/3A, 9V/2A	MIC 2* MIC
Buttons 1* Power (lock screen) button 2* Scan button 2* Volume (+/-) button 1* Custom button	Ports 1*Type-c, support OTG 2*pogo pin at the bottom for charging 8* pogo pin on the back for accessories	Battery Removable polymer lithium battery, 3.8V/5000mAh Non-removable polymer lithium battery, 3.7V/60mAh	Sensor G-Sensor Proximity sensor Light sensor Gyroscope E-compass Barometer	Dimensions (L*W*H) 154.4*74.6*17.1mm
Total Weight 245g	Protection IP67 1.5m drop spec *Certified by a third-party labs	Environment Operating temperature: -20°C~55°C Storage temperature: -40°C~70°C	Accessories (optional) Single charging base, Charging base, Trigger handle, UHF trigger handle, Hand strap (included), 4-slot charging base, 4-slot battery charger, Protective case, Screen tempered glass	

SUNMI L2Ks

Define a new classic for indoor applications and beyond.



Better Protection Ratings

To withstand everyday usage, L2Ks is 1.8m drop resistant, IP68 rated and has passed 3000 0.5m tumble tests.

ATL Large-capacity Battery, Safe And Durable

Equipped with a ATL battery cell, L2Ks features 800 charge cycles. The removable 5000mAh large-capacity battery can stand for up to 2 shifts. A new auxiliary battery helps eliminating downtime when changing the main battery.

Professional Scan Engine

High speed — 10 scans/sec; long reach — up to one meter read distance; accurate — read just the barcode the laser aimer positioned; reliable — quickly read hard-to-read barcodes including scratched, stained, crinkled barcodes or DPM barcodes, etc.



SUNMI L2Ks Tech Specs

Model Approved T8A10	OS SUNMI OS (*based on Android 11)	CPU Octa-core processor	Memory 4GB RAM+32GB ROM 2GB RAM+16GB ROM (Not supported for GMS Version)	Display 4"HD, 800x480 Capacitive IPS
Camera No GMS Version: Rear: 8MP AF GMS Version: Rear: 13MP AF Front: 5MP FF Rear camera for 1D / 2D barcode scanning	NFC (optional) Supports TypeA&B card, Mifare card, Felica card; ISO/IEC 14443 and ISO15693 compliant	Speaker 2* 1W	PSAM Card Slot 1*PSAM (optional)	SIM Card Slot 1* NANO SIM+1* SIM+ 1* MicroSD (TF)
Sensors Light sensor, proximity sensor, gravity sensor, gyroscope (optional), hall sensor (optional), E-compass (optional)	Communication 4G/3G/2G	Wi-Fi 2.4GHz/5GHz IEEE 802.11 ac/a/b/g/n/d/ e/h/i/j/k/r/v/w	Bluetooth Bluetooth 5.0 BLE	GPS AGPS GPS/Glonass/Beidou/ Galileo
Buttons 1* Function button 2* Left and right scan buttons 23* Physical buttons	Microphones 2* MIC	Ports 1*Type-C, support OTG 2*pogo pin at the bottom for charging 8* pogo pin on the back for accessories	Battery Removable polymer lithium battery, 3.8V/5000mAh Non-removable small battery 60mAh (optional)	
eSIM Supported (Not supported for GMS Version)	Dimensions (L*W*H) 160×64.5×14.4mm	Total Weight 243.5g	Protection IP68 1.8m drop spec	Environment Operating temperature: -20°C~55°C Storage temperature: -40°C~70°C
Power Adapter Type-C 5V/2A, 9V/2A	Scanner Professional scan engine (*Zebra & Honeywell are optional)	Accessories (optional) Trigger handle Charging base Four-slot battery charger Hand strap Screen tempered glass		

SUNMI M2 MAX

A rugged tablet built to improve your store operations.

Rugged

Featuring IP65 and 1m drop, M2 MAX can stand up challenges in working environments;
The Corning Gorilla Glass used in its 10.1" HD screen is more resistant to scratches and abrasions during use.

Smooth Operations

Equipped with a high-performance octa-core processor and large memory, it can run multiple tasks smoothly.

Long Run Time

With a built-in 8360mAh battery, it can work 12 hours continuously or stand by for 20 days.

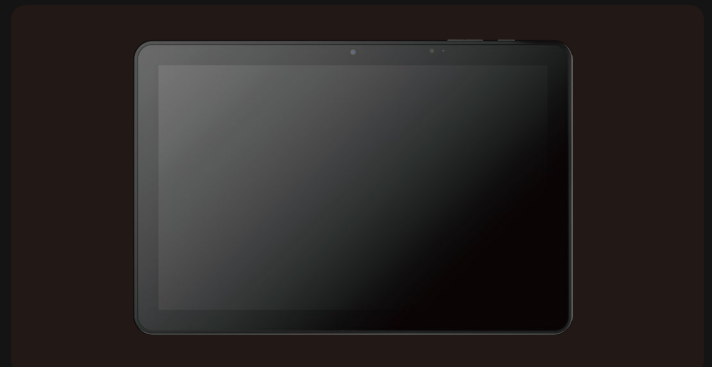
Highly Flexible

Optional accessories for M2 MAX include hand strap and cradle, only to meet your needs in more business scenarios.



The scanned version does not support the base.

*Ports: RJ45*1, USB2.0*2, DC*1, RJ12*1



*Scanner Version: The scanner is non-removable.



SUNMI M2 MAX Tech Specs

Product Model Config 1: TF700 (Wi-Fi Ver.) Config 2: TF701 (4G Ver.)	OS SUNMI OS (*based on Android 9.0)	Processor Kryo-260 octa-core, 2.2GHz	Memory Config 1: 3GB RAM + 32GB ROM Config 2: 4GB RAM + 64GB ROM	Display 10.1" FHD, 1920*1200 Capacitive multi-touch
Camera Front: 5MP FF Rear: 13MP, Flash, AF 1D/2D barcode reading	NFC Reader Type A & B card, Mifare card FeliCa card. ISO/IEC 14443, ISO15693 standards compliant	Speaker 2* 1W	PSAM Card Slot 1* PSAM	vSIM Supports vSIM (Config 2)
SIM Card Slot 1*MicroSD (TF) (Config 1) 2* NANO SIM OR 1* NANO SIM+1* MicroSD (TF) (Config 2)	Network 2G & 3G & 4G	Wi-Fi 2.4GHz/5GHz IEEE 802.11a/b/g/n/ac	Bluetooth Bluetooth 5.0 BLE	
GPS AGPS GPS/Glonass/Beidou (Config 2)	Sensors Gravity sensor, light sensor, compass sensor, hall sensor.	Buttons 1* Power on/off button (lock screen button) 2* Volume (+/-) button	MIC 2* MIC	Ports 1* Type-C, OTG supported 1* Audio Jack, supports POGO Pin
Battery Nonremovable LiPo battery 3.85V/8360mAh	Power Adapter Input: AC 100~240V Output: DC 5V/2A	Dimensions (L*W*H) 245.6*164.4*9.9mm (thinnest)	Weight Standard Version: 673g Scanner Version: 735g	Protection Ratings IP65 1.0m drop spec *Data from SUNMI Lab.
Environment Operating temp.: -20°C~55°C Storage temp.: -40°C ~ 70°C	Accessories hand strap charging and extendable cradle (optional) protective case (optional)	Scanner Professional 2D scan engine (*Only supported by scanner version)		

SUNMI M2

Durable, portable, efficient, and long-lasting.

Ultraportable

5" touch screen, 172g net weight, and the lightweight slim design give you a burdenless holding for long-time use.

Long Battery Run Time

With a built-in 3.8V 3000mAh battery, it can work for 16 hours continuously, and the standby time can be up to 10 days.

Professional Protections

Double injection molding adopted and 1m drop spec.

Optional Accessory



SUNMI M2 Charging Base

A charging base specially designed for SUNMI M2.



SUNMI M2

Product Model

Config 1: T7820
Config 2: T7821

OS

SUNMI OS
(*based on Android 7.1)

Processor

Quad-core 1.4GHz

Memory

1 GB RAM + 8GB ROM

Display

5" HD, 1280*720 IPS

Camera

0.3M, FF
For 1D/2D mobile
payment barcodes scanning

Internet

4G (optional)

Wi-Fi

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

Bluetooth

Bluetooth 2.1/3.0/4.2, BLE

SIM Card Slot

1* SIM (1.8V/3.0V)
(Optional)

Speaker

1W

GPS

GPS, AGPS

Port

1* Type-C USB

Battery

Non-removable LiPo battery
3.8V/3000mAh

Buttons

1* Power on/off button
(lock screen button)
2* Volume (+/-) Button
(can be set as scan button
using software)

Power Adapter

Input: AC 100~240V/1.5V
Output: DC 24V/1.5A

Dimensions (L*W*H)

144.41*73.2*13.7mm

Total Weight

172g (with battery)

Base

Charging base

Environment

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

SUNMI MIX SERIES Cradle



Best versatility booster for your enterprise tablet.

Dock, and charge.

Just put the tablet on the cradle to charge it with pogo pins.
Convenient and stable.

Make your tablet even more versatile.

The cradle comes with ports for scanner, cash drawer, secondary display, USB device, network connection and more, making your tablet helpful in more business scenarios.

A tablet, but also a desktop.

Put the tablet on a fixed or 180° swivable cradle to make it a desktop that fits your business. The swivable one can be fixed at 0° or 180°.



Easy to fix and use

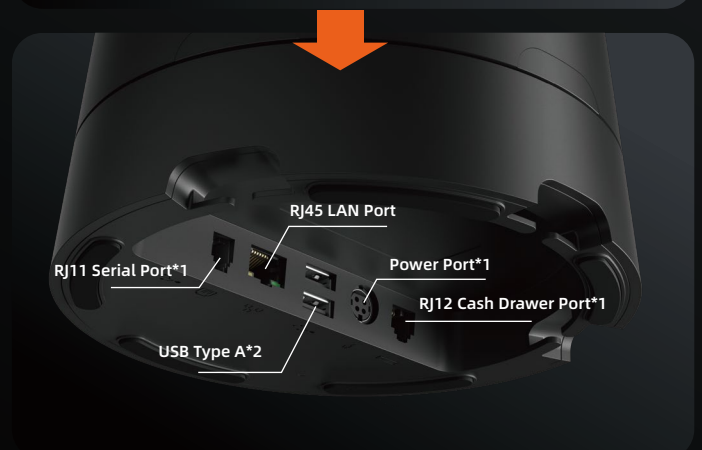
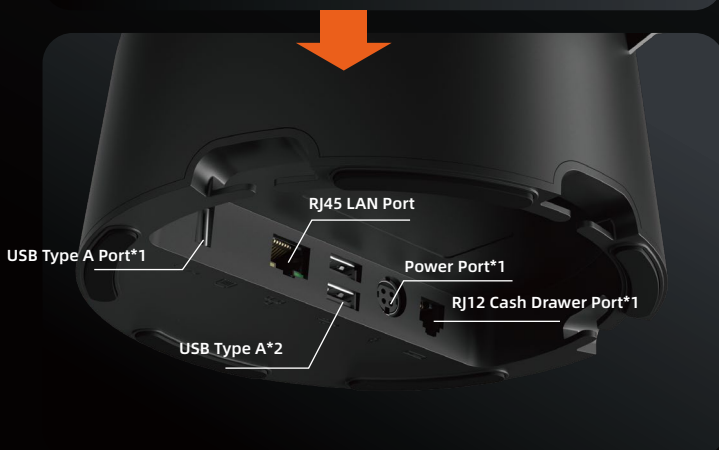
The device can be easily but securely fixed to the cradle, so that you will always know where to find the device and use it without wobbling.



Functional Cradle



Rotatable
Functional
Cradle

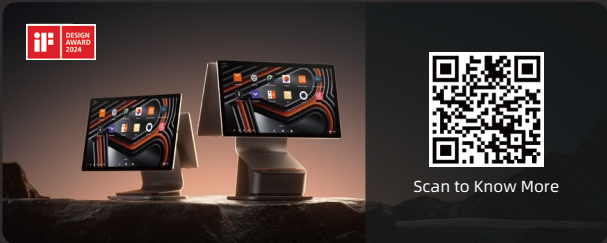


Better Together

SUNMI provides integrated IoT solutions to make your business digital, interconnected and smart.
Find what will further grow your business or even generate more business opportunities.

Smart Desktop Terminals

Manage your transactions with only one small-footprint desktop terminal.



SUNMI T3 PRO Series Smart Desktop Terminal
The next level of Android desktop.



SUNMI D3 PRO Smart Desktop Terminal
Your essential desktop to grow business.

Printers

Automatically take online orders without relying on a cellphone or computer.



SUNMI 80 Kitchen Cloud Printer
Automatic online order taking and printing.
A better choice for restaurant kitchens.

SUNMI OS 4.0

Smooth, simple, secure.

Born for business, better in experience.



SUNMI OS 4.0 (SUNMI Business Operating System)

SUNMI OS acts as a Hardware abstraction layer over the entire SUNMI device portfolio to enhance user and customer experience.



Business UI



System App



SDK

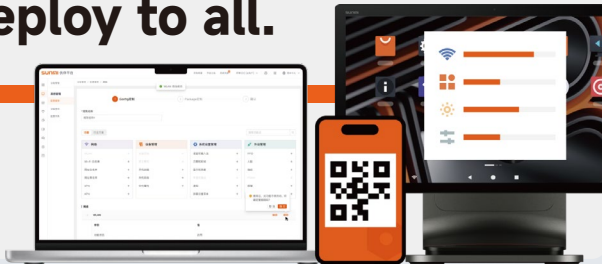


One ID



Security Engine

Configure online,
deploy to all.



One set of
SDKs.

Use your ID
as your account.



Tighter user privacy
and data security.



Multiple print specs
supported.



A fresh new look.



Enhanced adaptability.

Save users from complicated integration and adaptation, just for convenient device experience.



One set of SDKs.

Leveraging the platformized SUNMI OS 4.0, SUNMI offers unified methods for using different hardware. Only simple provisioning is required.



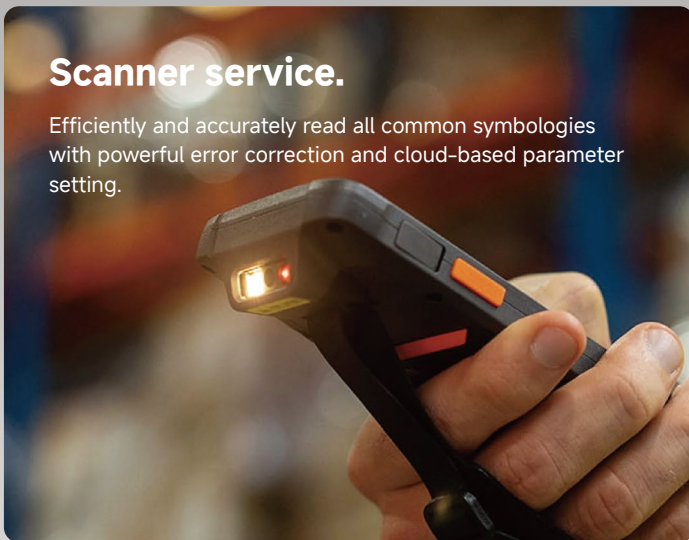
Printer service.

Multiple connection methods available. Compatible to all characters. Monitorable printing results.



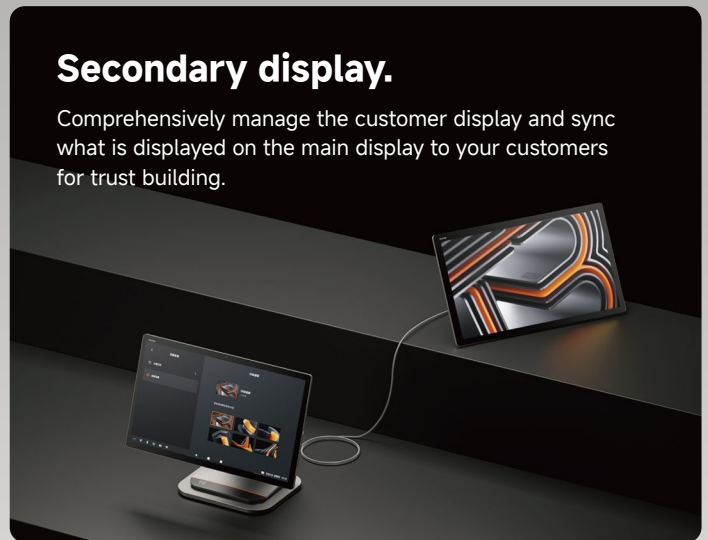
Scanner service.

Efficiently and accurately read all common symbolologies with powerful error correction and cloud-based parameter setting.



Secondary display.

Comprehensively manage the customer display and sync what is displayed on the main display to your customers for trust building.



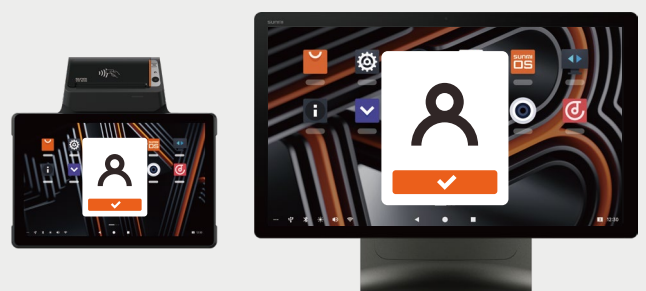
AI recognition-powered usability.

SUNMI devices have been greatly improved in usability thanks to AI technologies applied to the recognition of multiple documents, items with or without labels, etc.



Use your ID as your account.

Access SUNMI cloud and terminal services in an easy, convenient and secure way. Biometric ID also is available.



SUNMI DMP

SUNMI Device Management Platform



Global Cloud



Local Cloud



Private Cloud



Features



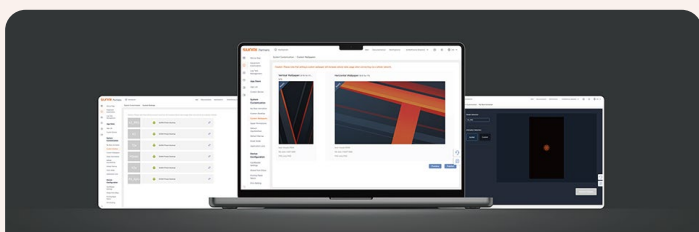
Remote Assistance

Reimagine your aftersales service: quickly find and solve device problems with no geographic restrictions. Compatible with all types of SUNMI devices.



Private Cloud Deployment

Deployed to customer specified servers, TMS is a device management system built for the finance, logistics and healthcare industries, and many more.



Brand Customization

Release customized boot animations, wallpapers and home screen apps to your devices to create your brand voice.



App Distribution

Make your apps quickly available to millions of devices with this top-notch app store for business.

Global network topology. Quick, stable and secure.



Dynamic Acceleration Via CDN

Provide quick and stable network access worldwide with CDN acceleration and optimized edge nodes by fetching contents from a nearby edge through smart dispatch.



Dynamic Capacity Expansion

We adopt a scalable architecture to support dynamic capacity expansion, supporting tens of millions active devices everyday.



Classified Information Protection

Level 2 information protection to secure important information, resources and systems.



SUNMI App Store

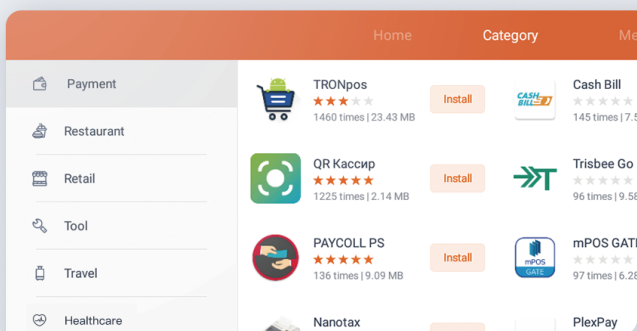
Secured, Flexible and Economical. Publish your apps and build your customized App Store.



Access to a Wide Range of Industry Based Apps

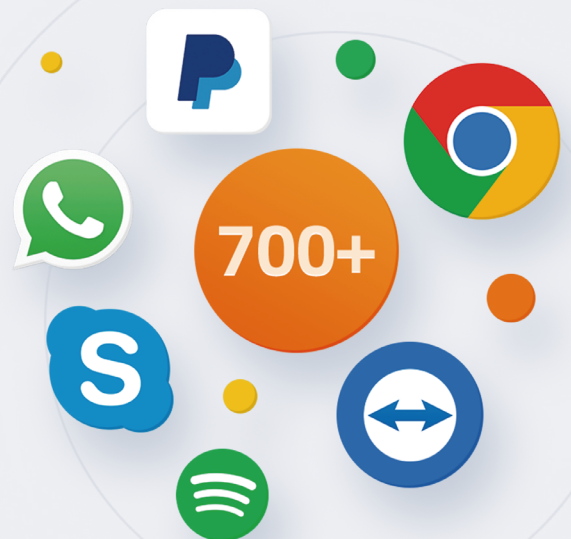
Developers around the world have worked hard to provide Apps needed in doing every business. Up to now, 11 industries including retail, restaurant and payment have been covered.

2700+	2500+	2200+	660+
Retail	Restaurant	Payment	Life Services
470+	440+	140+	
Transportation	Tourism	Healthcare	



Choose Your Public Apps

We've maintained over 700 public apps in the app store, including Chrome, TeamViewer, WeChat, etc. for businesses to choose from.



33,000+
Developers

23,000+
Apps

130,000,000+
Downloads

*Data as of December 31, 2023

SUNMI Care

Constantly adapts and improves the process that leads to good experience.



SUNMI Care
STANDARD

SUNMI Care Standard Service

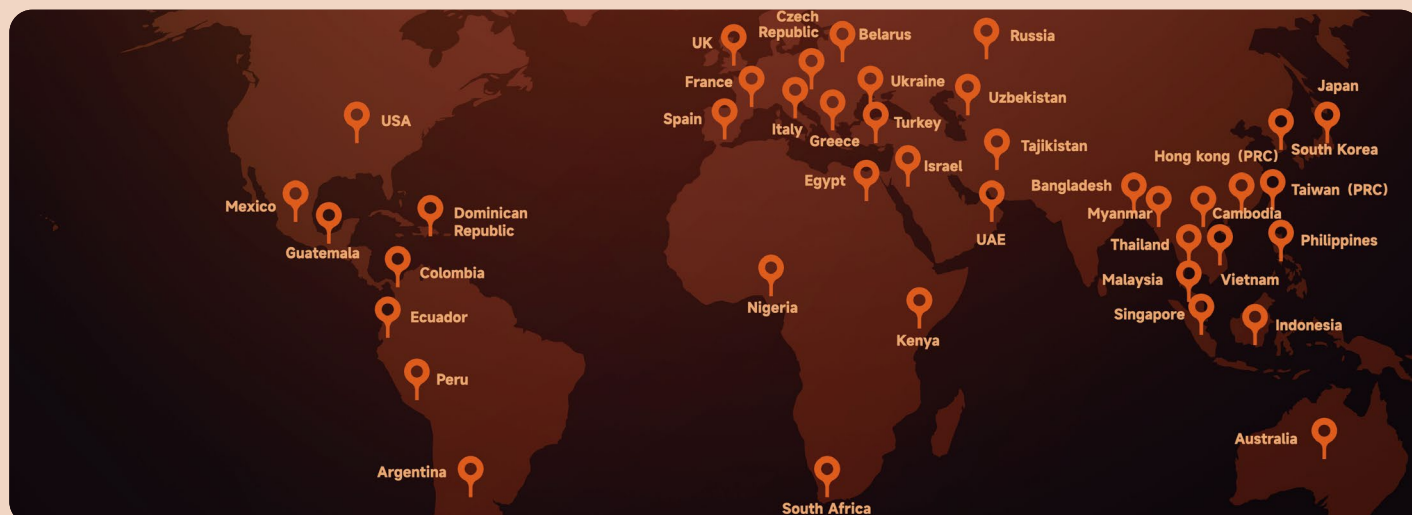
SUNMI Care
PREMIUM

SUNMI Care Premium Service

	SUNMI CARE Standard Service	SUNMI CARE Premium Service
Warranty Service	√	√
Standard Service	1Yr for 2nd Gen Products 3 Yrs for 3rd Gen Products	Standard Warranty+Replacement Service
Service Coverage	GBU Region	GBU Region
Repair Service	√	√
Repair TAT	7 Business Days from received in service center	5 Business Days from received in service center
Web Portal Support	7*24H	7*24H
Dedicated Service Coordinator	N/A	√
Dedicated Technical Support	N/A	√
Service Response	Same Day	4 Hours
SUNMI DMP Professional Support	Optional	√
Software Development Support	N/A	√
Device Data Report Subscription	Optional	√
Repair Report Subscription	Optional	√
SUNMI OS OTA Service	Optional	√
Android security patch update	√	√
MDM Premium Remote Diagnostics	Optional	√
Extended Warranty Service	N/A	Optional
SUNMI LKI Support	N/A	Optional
SUNMI RKI Support	N/A	Optional
TMS Support	N/A	Optional
Onsite Support	N/A	Optional
Value Added Service Package	N/A	Optional

Global Service Network

SUNMI has 70+ service partners covering 40+ countries in five core regions.



For more info, please visit: www.sunmi.com/sunmi-care/

Grow a stronger business with SUNMI and our partners.



Glovo: A well-known food platform in Spain.

"The number of restaurants is the foundation of our success, and affordable SUNMI products allow us to expand quickly. The product quality and reliability allow us smooth operations and deployments. Our restaurant partners also have praised the simplicity and performance of the solution."

— Glovo



EASI: The most popular food delivery platform in Australia, which has served over 20,000 restaurants and more than 100 million users.

"The takeout and delivery sales soar during the pandemic and we have served over 20,000 restaurants and now is rapidly expanding our international business, among which SUNMI's V series has helped us a lot."

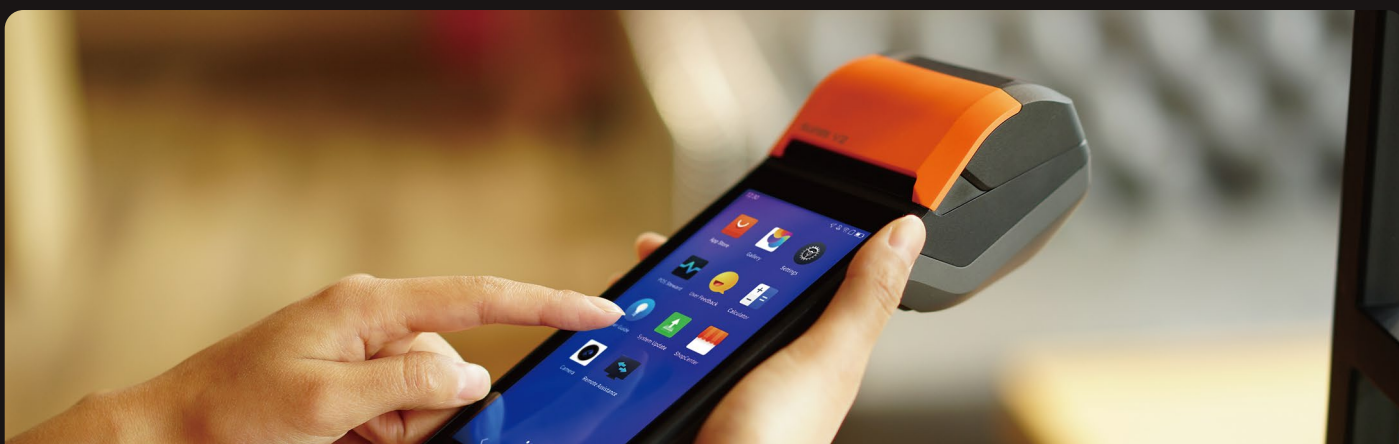
— EASI



HungryPanda: A food and grocery delivery platform which was established in the UK, 2016. Now its business has covered more than 60 cities around the world.

"HungryPanda is a specialist food delivery platform to providing various authentic Chinese food and groceries to Chinese compatriots and students abroad, and SUNMI's IoT devices has helped us in improving our operational efficiency."

— HungryPanda



SUNMI Products Used
SUNMI V2, SUNMI V2 PRO

Value
The easy-to-use devices and receipt printing feature have improved the efficiency of the delivery service.

Applications
Online order taking, receipt printing, mobile checkout, etc.



The 24th Olympic Winter Games

"Together for a Shared Future" was revealed as the official motto of the Olympic and Paralympic Winter Games Beijing 2022.

"It is an important work to check the ID documents of athletes and their teams, especially in an international big event like Winter Olympics. The smooth and responsive SUNMI handhelds help us a lot in completing the work quickly and conveniently."

—A staff member

SUNMI Product Used

SUNMI L2s

Applications

Identity verification, data collection.

Value

Better event management for the Beijing 2022 Winter Olympics.

AEON

A famous retail group in Japan and also one of the largest department stores in Asia.

"V2 PRO relieves our checkout pressure at peak hours when facing with long waiting lines. It runs smoothly even for a long time, which has drastically enhanced our work efficiency."

— A cashier, AEON Supermarket

SUNMI Product Used

SUNMI V2 PRO

Applications

QR code payment, receipt printing.

Value

Quick device startup, quick barcode scanning and quick receipt printing.





OneCard: An popular OTA top-up software company in Saudi Arabia.

"SUNMI V series products are portable and easy to use. With a printer in the device, a receipt can be printed once a payment is completed, which has enhanced the efficiency of OTA top-up and drastically decreases the failure rate."

— A purchasing manager, OneCard

SUNMI Products Used

SUNMI V2

Applications

OTA top up, prepaid account refillment, etc.

Value

Swift receipt printing, mobile payment, etc.

Fun Bean's

A top convenience store chain in Jiangxi province, China.

"SUNMI tablet is easy to touch and use, and has a long run time. We can walk around in the store to check stock while filling orders on the replenishment system built inside. That is really a productivity driver."

—A Fun Bean's Associate

SUNMI Product Used

SUNMI M2 MAX

Applications

Retail replenishment, information entry.

Value

Improved operational accuracy and overall efficiency.





FamilyMart: A Japanese-owned convenience store chain which operates over 24,000 stores worldwide, and also ranked top 100 chains in China, 2019.

"For cold-chain food, FamilyMart has strict rules on food safety control, it only takes 10min to check the items delivered, put away, defrost, unbag and prepare for sale, among which SUNMI V2 PRO is a great helper."

— Manager, FamilyMart, Pusan, Shanghai

SUNMI Product Used

SUNMI V2 PRO

Applications

Receipt printing, item management.

Value

Streamlined cold-chain food security management and improved store operational efficiency.



AFIONA: A China's well-known retail chain of imported cosmetics.

"Working with SUNMI, we constantly improve customer services. In addition to providing personalized skin-care solutions, we also are dedicated to creating user-centric shopping experience that is smarter, securer, more convenient and considerate."

—Tony, CEO of AFIONA

SUNMI Products Used

SUNMI FS, SUNMI ESL, SUNMI V2 PRO, SUNMI L Series

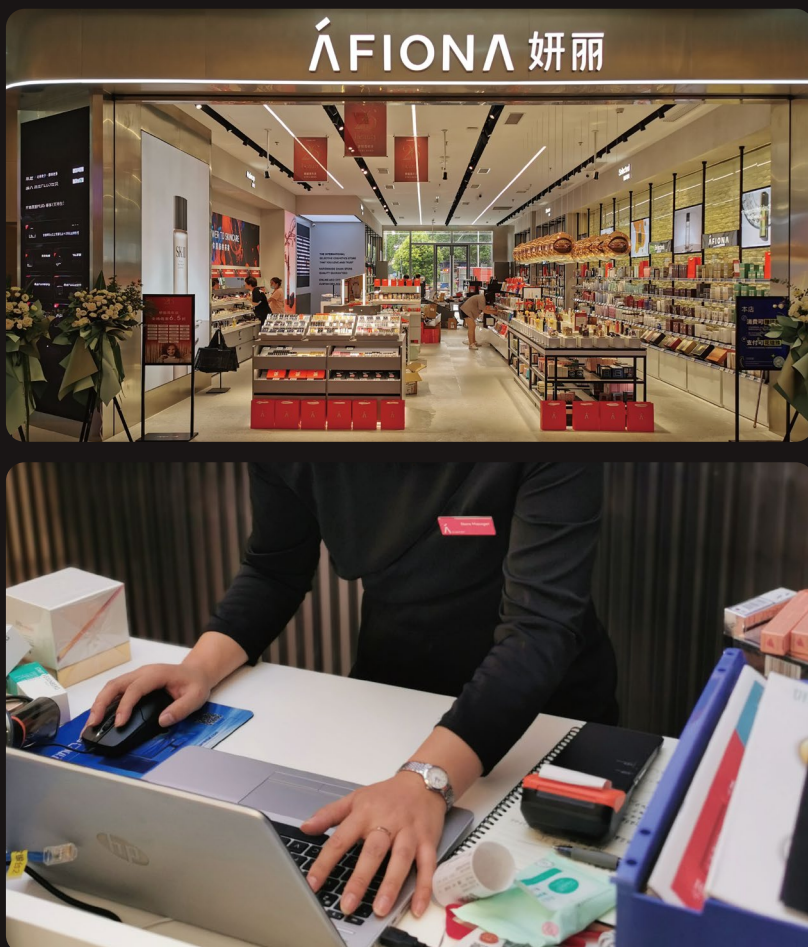
Applications

Origin tracking, surveillance and store monitoring, loss prevention, mobile checkout, inventory taking, etc.

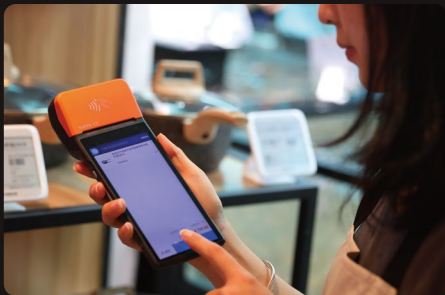
Value

Visible operational data generated by IoT enabled smart stores.

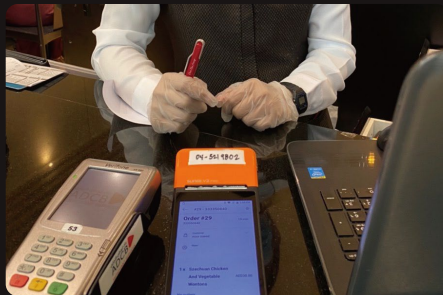
Software Solution



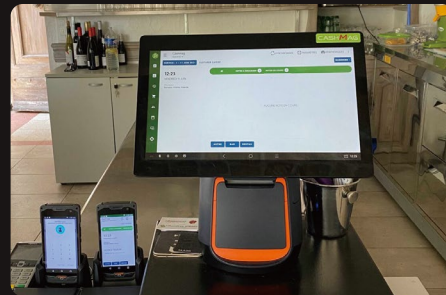
Empower offline businesses with co-developed digital solutions.



Loyalty program, promotion, item lookup and mobile checkout, SUNMI V2, Freshippo, China.



Ordering & checkout, SUNMI V2 PRO, a Dintaifung restaurant, Mall of Emirates Dubai.



Checkout and receipt printing, SUNMI L Series and T Series, Le Mas Des G raniums, France.



Print lottery tickets and claim prizes with QR codes, SUNMI V2, Lotto 6/42, the Philippines.



PCR registration and test results tracking, SUNMI P2 and SUNMI V2 PRO, Ministry of Health, Mongolia.



QR code payment, SUNMI V2 PRO, a Uniqlo, Japan.



Seat/ticket lookup, identity verification, item stock management, ring up sales and take payments, SUNMI L2s, Kunming-Mohan section of the China-Laos Railway, China.



Ordering and checkout, SUNMI V2 PRO, SUNMI T Series, Fourth Market, Taichung City, Taiwan Province, China.



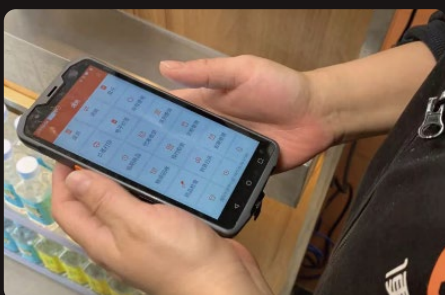
Mobile ticketing & ticket checking, SUNMI V2 PRO, Hong Kong-Zhuhai-Macao Bridge, China.



Parcel collection and sorting, OCR-based data capture, SUNMI Smart Mobile Terminals, Cainiao, China.



Mobile checkout, SUNMI V2, a Naeki Sushi restaurant, Thailand.



Sort items, take inventory and receive information from the HQ, SUNMI L2s, Bianlifeng, China.



E-ticketing for an easier travel experience, SUNMI V2 PRO, bus ticketing system, Bangladesh.



Mobile checkout, SUNMI V2 PRO, a fruit store, Thailand.



Smart Mobile Terminals

V Series



V3 MIX

Smart Mobile Terminal



V2s

Smart Mobile Terminal



V2s PLUS

Smart Mobile Terminal



V2 PRO

Smart Mobile Terminal

L Series



L2s PRO

Smart Mobile Terminal



L2H

Smart Mobile Terminal



L2Ks

Smart Mobile Terminal

M Series



M2 MAX

Smart Mobile Terminal



M2

Smart Mobile Terminal



Mobile

Terminals and Solutions



Payment

Terminals and Solutions



Desktop

Terminals and Solutions



Kiosk

Terminals and Solutions

Shanghai Sunmi Technology Co., Ltd.

F6, Building 7, No. 388 Songhu Rd, Shanghai, China.

Official Site: www.sunmi.com

The information in this manual is subject to change without notice. We make a continual effort to improve our manuals in order to ensure they are as complete, accurate and helpful as possible.

Some data in this manual is from SUNMI Laboratory, the actual data shall take precedence in case of any discrepancy.

Images are taken in the real application scenarios, here for demonstration use only, the copyright belongs to SUNMI and our Partner(s). Please do not record or spread without the permission of the copyright owner(s).

©2024 Shanghai Sunmi Technology Co., Ltd. All rights reserved.