

# PoS Terminals

**SUNMI**  
Android POS Leader



D1



T1



T2



T2 Lite



T2 Mini

Info Pack

# PoS Handhelds

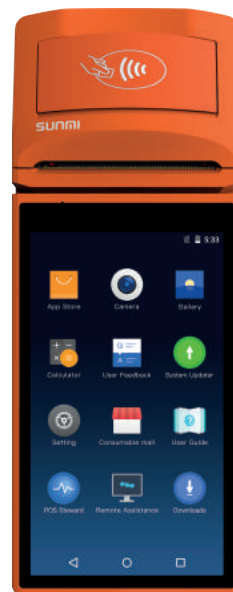
**SUNMI**  
Android POS Leader



L2



M2



P1



P2 Lite



P2 Pro



V2



V2 Pro

Info Pack

# Barcode Scanners

**SUNMI**  
Android POS Leader



Blink

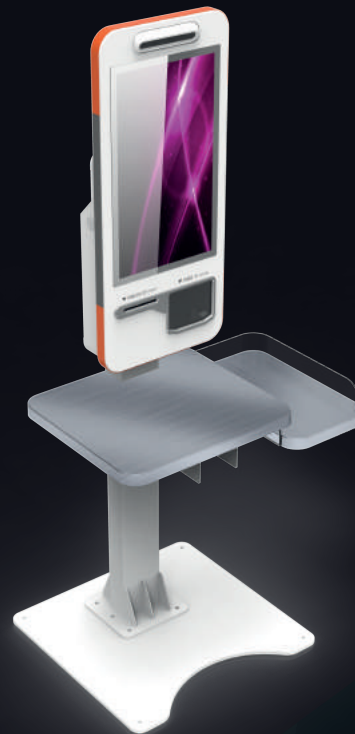


U2

# Self-service Kiosks



K1



Info Pack

# Specification Sheets

Info Pack



Barcode-reader

# SUNMI Blink

Plug and play support for personalised customisation  
Comes with sensor lights, beeps for prompt payment  
Ergonomic scan code payment angle



Metal texture  
frame



Mobile payment



## SUNMI BLINK

Technical specifications



OS

OS  
Windows  
iOS  
Android  
Linux



Scanning Window  
75\*75mm



Recognition  
Precision  
QR code > 10mil



Sensor  
0.3 MP  
CMOS sensor



Operating Current  
< 190mA



Symbologies  
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% (no condensation)

Note:

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# Sunmi D1

## Multi-functional Android POS

Qualcomm snapdragon octa-core.

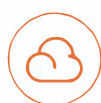
15.6" Multi-Touch HD screen.

Flexible applications.

Assembled as per your requirements at desktop, wall, robotic arm etc. Manage on SUNMI CLOUD.



Interface



SUNMI  
Cloud



Order



Booking



Manage



Recharge



Desktop



On the wall



Robotic arm

CPU	Qualcomm snapdragon octa-core
OS	Android 6.0 SUNMI Secure Operating System
Memory	8GB ROM + 1GB RAM
Display	15.6" HD, 1366x 768
Touch panel	G + G Capacitive Touch Screen, Multi-Touch
Communication	3G Module (Optional)
Wi-Fi	2.4G, Support IEEE 802.11 b/g/n
Bluetooth	Bluetooth spec 2.1/3.0/4.0, Support BLE
Key	Power (lock screen), Volume +, Volume -
Speaker	1.2W
SIM Card Slot	Single SIM Card slot, Support 1.8V/3.0V (optional)
MicroSD (TF)	Support, Up to 64G
Interface	5 x USB Type A, 1 x RJ11 Serial port, 1 x RJ12 Cash drawer port, 1 x RJ45 LAN port, 1 x Audio Jack, 1 x Power Supply port, 1 x Micro-USB Debug port
Adapter	Output Power: 36W, Input: AC100~240V/1.2A, Output: DC24V/2.5A
Size	380mm x 350mm x 170mm
Weight	Net Weight: 4.6Kg
Environment	Operating ambient temperature: 0°C ~ 40°C Storage temperature: -20°C ~ 60°C

Note:

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Self-service Kiosk

# SUNMI K1

Catering Version

Distributed by

Varlink

- 3D structured light facial recognition camera for fraud prevention
- 0~20° adjustable cameras to support different heights of face swiping requirements
- 21.5" 1920×1080 Full HD touch integrated display, multi-angle visually sensitive
- Fast scanning of payment code and cargo code using internationally renowned scanner platform
- Japanese Seiko machine core, faster and more stable output
- Canary deployment, kiosk mode, debug protection, SUNMI CLOUD OS meets a wide range of commercial needs



Face-ID  
Payment



Face-ID  
Verification



Self-service  
Ordering



Self-service  
Payment



Self-service  
Bill



Scanning



Printing

## SUNMI K1

### Technical specifications



Desktop



Floor stand



VESA standard wall mount

**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**  
Support 1D, 2D, mobile screen and printed barcodes

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

**MicroSD(TF)**  
Support, Up to 64G

**Speaker**  
2\*3W (stereo)

**Wi-Fi**  
Support IEEE 802.11b/g/n

**Ethernet**  
10/100/1000M Ethernet self-adaptive

**Port**  
1× Micro-USB Debug Port  
4× USB TypeA port

**Size**  
Wall mount: 360\*110\*820mm (WDH)  
Floor stand: 710\*630\*1660mm (WDH)

**Weight**  
Wall mount: 17.6kg  
Floor stand: 64.8kg

**Adapter**  
AC100~120V  
AC200~240V

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

Note:

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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 slot supports 4G full Netcom NFC

Optional Zebra scan head 1D/2D professional scan code

Optional PSAM

Across the industrial and commercial consumer fields



Scanning



IP67  
rugged design



5000mAh



Optional single stand charger

## SUNMI L2

### Technical specifications

2 types of configuration

Zebra scanner / 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 802.11a/b/g/n



#### Bluetooth

Support BLE  
Support Bluetooth 2.1/3.0/4.0



#### Speaker

1W



#### NFC

Mifare/Felica/ISO 14443  
Type A/B IS15693



#### Key

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



#### Battery

Non-removable  
lithium battery  
3.7V/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



#### Port

1x Type-C USB  
Support OTG



#### Environment

Operating temperature: -10°C ~ 40°C  
Storage temperature: -20°C ~ 50°C  
Protection rating: IP67  
Falling height: 1.2 m

#### Optional



#### PSAM

PSAM



#### Scanner

Zebra 1D/2D code scanning

Note:

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Handheld POS

# SUNMI M2



5.0" HD IPS screen lightweight and portable

Qualcomm Snapdragon quad-core CPU

1G RAM + 8G ROM

Professional scanning algorithm, supports 1D/2D payment codes

Support Wi-Fi/4G/eSIM

Double-shot molding technique for machine protection, pass 1M drop test



Ordering



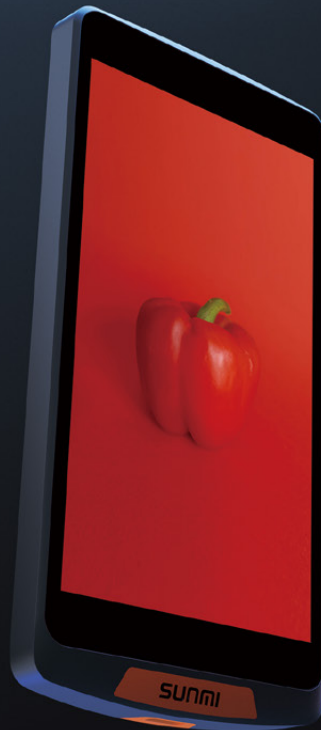
Mobile payment



Coupon verification



Logistics



Optional single stand charger

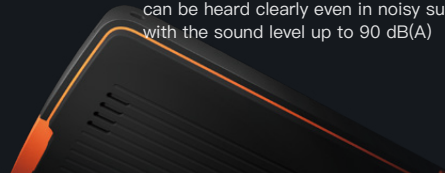
## SUNMI M2

### 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**  
Including battery: 172g



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



**Battery**  
Non-detachable  
lithium battery  
3.8V/3000mAh



**Camera**  
Support 1D/2D



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



**Size**  
144\*73\*13.7mm



**Port**  
1x Type-C USB  
Support OTG



**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

#### Note:

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Handheld Financial POS

# SUNMI P1



reddot design award  
winner 2018



Fast recognition of 1D/2D payment code in 0.7 seconds

Wi-Fi connection 2.4GHz/5GHz, 4G

Built-in 58mm high-speed printing, fully charged can print up to 5000 orders continuously



OTG



Printing



Scanning



QR code  
payment



Card  
payment



Order  
taking



Coupon  
verification



NFC



## SUNMI P1

### Technical specifications



#### OS

Android 6.0  
SUNMI OS



#### CPU

Quad-core 1.3GHz



#### Memory

8GB ROM  
1GB RAM



#### Display

5.5" HD  
1280×720, IPS



#### Adapter

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



#### Wi-Fi

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



#### Bluetooth

Support BLE  
Support Bluetooth 2.1/3.0/4.0



#### Keys

Power button (lock  
screen) Volume up/down



#### Dimension

211\*83\*54mm



#### Communication

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



#### Battery

Removable lithium  
battery 4.2V/5200mAh



#### Printer

Built-in high speed  
thermal printer  
Printing speed up to 60mm/s  
Paper Width: 58mm  
Paper Roll Diameter: 40mm



#### Touchscreen

Capacitive  
multi-touch screen



#### Interface

1 × Type C  
support OTG



#### Camera

5.0MP, Flash, AF



#### Environment

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



#### SIM Card Slot

1xSIM Card slot,  
Support 1.8V/3.0V



#### Speaker

1W

Note:

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## 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

Professional and accurate 1D barcode scanner

Supports Wi-Fi, 4G Netcom, eSIM networking

Pocket-sized, portable and features a lanyard hole

Pass 1M drop test with double-shot molding



Qualcomm  
snapdragon



red dot design award  
winner 2019



Scanning



Card  
payment



Order taking



Coupon  
verification



QR code  
payment



Optional single stand charger

## SUNMI P2 LITE

### Technical specifications



#### IC Card Support

Support smart IC card  
Complies with ISO7816/  
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



#### Mag Card Support

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



#### Secret Keyboard

Secret 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



#### 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 button (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

Supports 1D barcode scanner

#### Note:

1. Real memory will be reduced due to a number of factors, and there are differences. Operating system also occupies part of the memory.
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Handheld payment processing device

# SUNMI P2 PRO

- 5.99" High Resolution Screen.
- Qualcomm Snapdragon Quad Core Processor.
- Seiko Printer.
- Supported Payment Methods: Magnetic Card, QR Code, IC Card, NFC.
- Optional professional scanner for accurate 1D barcode scanning.
- Dual SIM Dual Standby which allows switching between carriers.
- Dual PASM enables processing in diverse application environments.



Optional Scanning



Printing Receipt



Card payment



Takeaway



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  
Support Bi-direction  
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  
1440x720 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 1D barcode scanner



### Sensor

Gravity Sensor



### GPS

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 high speed(70mm/s)  
thermal printer, Max  $\phi$ 40mm



### 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:

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# SUNMI T1

## Desktop POS terminal

Qualcomm Snapdragon Octa-core.

Available in 3 versions ① ② ③.

Super performance embedded printer.

Independent dual screen and dual system programme.

Manage on SUNMI CLOUD.



Printer



14" / 7"



Interaction



Octa-core



SUNMI  
Cloud



Manage



14" Main screen +  
14" Touch screen



14" Main screen +  
7" Consumer sub-screen



14" Main screen only

CPU	Qualcomm Snapdragon Octa-core
OS	Android 6.0 SUNMI secure operating system
Memory	16GB ROM + 2GB RAM
Display	Home screen: 14.1" FHD, 1920 x 1080; Second screen: 14.1" FHD, 1920 x 1080 (optional)
Touch Panel	G + G Capacitive Touch Screen, Multi-Touch
Printing	High Speed 80 thermal printing with automatic cutter, printing speed 200mm/s, support roll diameter 80mm
Communication	3G (optional)
Wi-Fi	2.4G/5G, Support IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth spec 2.1/3.0/4.0, Support BLE
Key	Power (lock screen), Volume +, Volume -
Speaker	1.2W
SIM Card Slot	Single SIM Card slot, supports 1.8V/3.0V (optional)
MicroSD (TF)	Supports up to 64G
Interface	5 x USB Type A, 1 x RJ11 Serial port, 1 x RJ12 Cash drawer port, 1 x RJ45 LAN port, 1 x Audio Jack, 1 x Power Supply port, 1 x Micro-USB Debug port
Adapter	Input: AC100~240V/1.7A, Output: DC24V/2.5A
Size	374mm x 338mm x 224mm
Weight	Single screen: 4.7Kg Dual screen: 6.4Kg
Environment	Operating temperature: 0°C ~ 40°C Storage temperature: -20°C ~ 60°C

Note:

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Desktop POS

# SUNMI T2



red dot design award  
winner 2018



Qualcomm  
snapdragon

Qualcomm snapdragon octa-core

Dual-Display and dual-touch POS

15.6" 1920×1080 FHD resolution

Supports Wi-Fi networking

Built-in SEIKO 80mm thermal printer

3D structured light camera supports facial recognition payment



3D structured light camera  
supports facial recognition payment



Queuing



Self-service  
payment



Booking



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  
Sub display:  
10.1" HD  
1024×600

#### Display 15.6"+15.6"

Main display:  
15.6" FHD  
1920×1080  
Sub 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  
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  
High speed thermal printing  
with automatic cutter Paper  
Width: 80mm  
Printing speed: 200mm/s  
Paper Roll Diameter: 80mm



#### MicroSD(TF)

Support up to 64G



#### Environment

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



#### Size

407\*382\*232mm



#### Port

5x USB Type-A ports  
1x RJ11 Serial port  
1x RJ12 Cashbox port  
1x RJ45 LAN port  
1x Audio Jack port  
1x Power port  
1x Micro USB debug port

#### Optional



#### SIM card slot

1x SIM card slot  
Supports 1.8V/3.0V



#### 3D Structured Light Camera

Support facial recognition payment  
Please contact Varlink for more information

#### Note:

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2. Actual product specifications when sold take precedence over what may be listed at this catalogue; Any changes may be made without prior notification.

Desktop POS

# SUNMI T2 LITE



Qualcomm Snapdragon Octa-core

Main display 15.6" 1920×1080 resolution

Space gray aluminum alloy base

Support Wi-Fi networking



Dual-monitor  
interaction



Check-out



Booking



Self-service  
payment

## SUNMI T2 LITE

### Technical specifications

#### Display 15.6"

Main display:  
15.6" FHD  
1920×1080



#### Display 15.6" +10.1"

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



#### Display 15.6" +15.6"

Main display :  
15.6" FHD 1920×1080  
Sub 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/1.5A



#### Wi-Fi

2.4G  
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\*381mm\*215mm



#### Port

5× USB Type-A ports  
1× RJ11 Serial port  
1× RJ12 Cashbox port  
1× RJ45 LAN port  
1× Audio Jack port  
1× Power port, 1× Micro-USB debug port

#### Optional



#### SIM Card Slot

1× SIM card slot  
Support 1.8V/3.0V



#### Note:

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Desktop POS

# SUNMI T2 MINI

Model NO.:L1320/L1321/L1322/L1323



Qualcomm Snapdragon Octa-core

Self scanning display window, 0.03 seconds fast

Identification payment of two-dimensional codes

11.6" IPS HD display, visible angle up to 170°

Support 4G full Netcom Wifi networking

58mm or 80mm Seiko printer (optional)



Scanning



NFC



Booking



Queuing



Check-out



## SUNMI T2 MINI Technical specifications



Scanning window & NFC (optional)



Customer screen (optional)

### OS

Android 7.1  
SUNMI Cloud OS



### CPU

Qualcomm Snapdragon  
Octa-core



### Memory

8GB ROM  
1GB RAM



### Touchscreen

Capacitive  
multi-touch screen



### Adapter

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



### Wi-Fi

2.4G  
IEEE 802.11 b/g/n



### Bluetooth

Support BLE  
Support Bluetooth 2.1/3.0/4.0



### Speaker

1.2W



### Dimension

294\*303\*70mm



### Keys

Power button (lock screen)  
Volume up/down button



### MicroSD(TF)

Supports up to 64G



### Environment

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



### Interface

4 x USB Type-A  
1 x RJ11 Serial port,  
1 x RJ12 Cashbox port,  
1 x RJ45 LAN port,  
1 x Audio Jack port  
1 x Power port  
1 x Micro-USB debug port



### Printing

High Speed thermal printing with automatic cutter  
Paper Width: 58mm  
Printing speed: 70mm/s  
Paper Roll Diameter: 60mm  
OR  
High Speed thermal printing with automatic cutter  
Paper Width: 80mm  
Printing speed: 160mm/s  
Paper Roll Diameter: 60mm

### Optional



### SIM Card Slot

1xSIM card slot  
Support 1.8V/3.0V



### NFC

NFC module



### Communication

2G/3G/4G

#### Note:

1. Real memory will be reduced due to a number of factors, and there are differences. Operating system also occupies part of the 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.

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 is the true definition of speed as it accurately identifies folded, coloured and even distorted barcodes for easy accessibility
- The scanner briefly vibrates to let you know when a scan is complete so you never miss a code.
- 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% (no condensation)  
Electrostatic protection:  
±8kV (direct discharge)  
±15kV (air discharge)  
Drop height:1.2 metres



#### 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 depends 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. Actual product specifications when sold take precedence over what may be listed at this catalogue; Any changes may be made without prior notification.



Handheld POS

# SUNMI V2

- With a 50mm diameter roll that doubles the paper capacity get ready to save on additional refill costs.
- Speed up your transactions with the cutting edge Seiko printer that improves speed by 16.7% making it more efficient.
- With a 5.45" screen and 17.8mm body, the V2 makes for a user-friendly system which is portable and easy to hold.
- Alongside this it comes with a bright 1440\*720 HD screen and a 95dB speaker with clear voice quality that ensures you never miss an order.
- The V2 supports all 4G carriers with its Dual-Band Wi-Fi all the way from 2.4Ghz to 5GHz which enables highly stable network connectivity



Bill Printing



Mobile Payment



Mobile Ordering



Queue Control



Take-Out  
Order Receiving



Marketing  
Management



## SUNMI V2

### Technical specifications

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

#### Optional

- Base**  
Support charging

#### Note:

1. Real memory will be reduced due to a number of factors, and there are differences. Operating system also occupies part of the 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 POS

# SUNMI V2 PRO



reddot design award  
winner 2019

The first full screen handheld POS

5.99" HD screen Qualcomm Snapdragon Quad-core

International master's design

The thinnest part of the machine body is only 13mm

Supports 4G Netcom, Wifi 2.4G/5G, eSIM

5MP post positive camera, professional 1D scanner,  
built-in SEIKO printer



Order Form



NFC



PSAM



Delivery



QR code  
payment



Scanning



Ordering

## SUNMI V2 PRO

### Technical specifications

#### OS

Android 7.1  
SUNMI OS



#### CPU

Qualcomm Snapdragon Quad-  
core 1.4GHz



#### Memory

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



#### Display

5.99" 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



#### Key

Power button (lock screen)  
Volume up/down button



#### Battery

Non-removable  
lithium battery  
7.6V/2580mAh



#### Communication

4G



#### Camera

5.0MP, Flash, AF  
Support QR code scanning



#### GPS

Support GPS  
Support AGPS



#### 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



#### Printer

Built-in high speed  
thermal printer  
Printing speed up to 70mm/s  
Paper Width: 58mm  
Paper Roll Diameter: 40mm

#### Optional



#### Barcode Scanner

1D scanner



#### Base

Support base charging  
Extremal OTG equipment



#### NFC

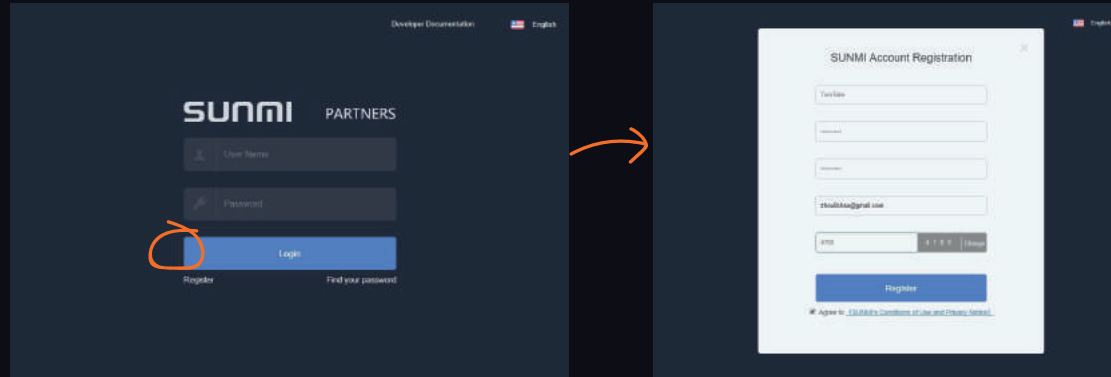
mifare/Felica/ISO 14443  
Type A/B/ISO15693

#### Note:

1. Real memory will be reduced due to a number of factors, and there are differences. Operating system also occupies part of the 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.

# SUNMI Cloud | Create an account

Go to <http://partner.sunmi.com> and click 'Register'.



You will then receive an email to activate your SUNMI Partner Account.

SUNMI will assign a role to each Partner once they have registered. The three different Partner types are:

## Channel Partner - Primary account

This gives you access to all of the features on the SUNMI Cloud.

You can also create sub-accounts and control these accounts. This account is ideal for Distributors and Resellers so they have full control of their SUNMI devices.

## Channel Partner - Sub-account

There are two types of sub-accounts: Control and Cooperative. Control allows you to assign devices and operators to sub-accounts, manage device customisation independently and also allows primary accounts to control the sub-account.

This account is ideal for the users of the SUNMI devices.

## Channel Partner - App Developer

You can upload apps to the store library and download and install the apps to a device.

# SUNMI Cloud | Introduction



SUNMI Cloud is a personalised management platform for SUNMI partners.  
The SUNMI Cloud allows you to manage and customise your devices.

The platform offers:

Exclusive App Market |

App Deployment |

Machine Management |

Machine Customisation |

Remote Assistance

Info Pack

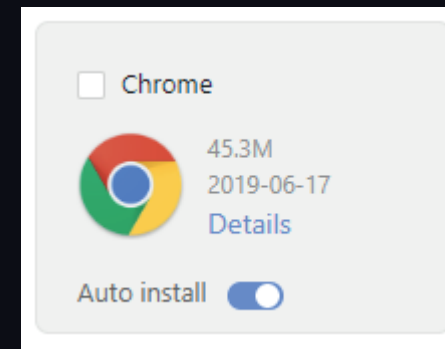
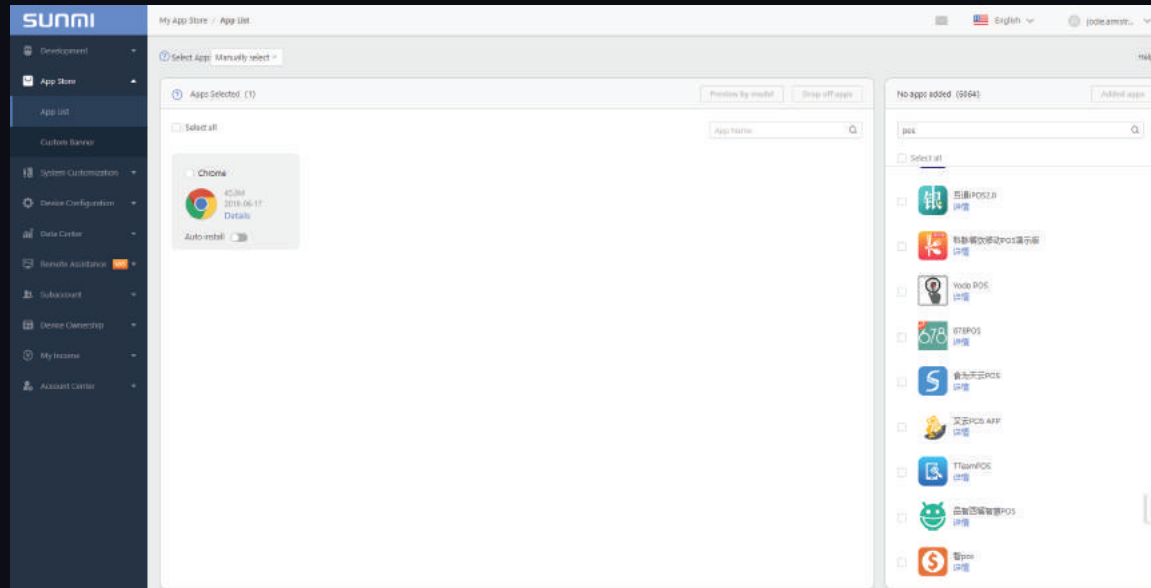
# SUNMI Cloud | Exclusive App Store

**SUNMI**  
Android POS Leader

SUNMI Cloud provides an exclusive app store for you to install the apps of your choice, including your own developed apps.

You need to sign into the SUNMI Cloud platform to access the app store and begin installing your apps to your devices. Please note, some apps are only compatible with certain SUNMI device models.

You can also choose whether the app needs to be automatically installed onto the devices. Once clicked, the app will be installed once the devices have been rebooted.



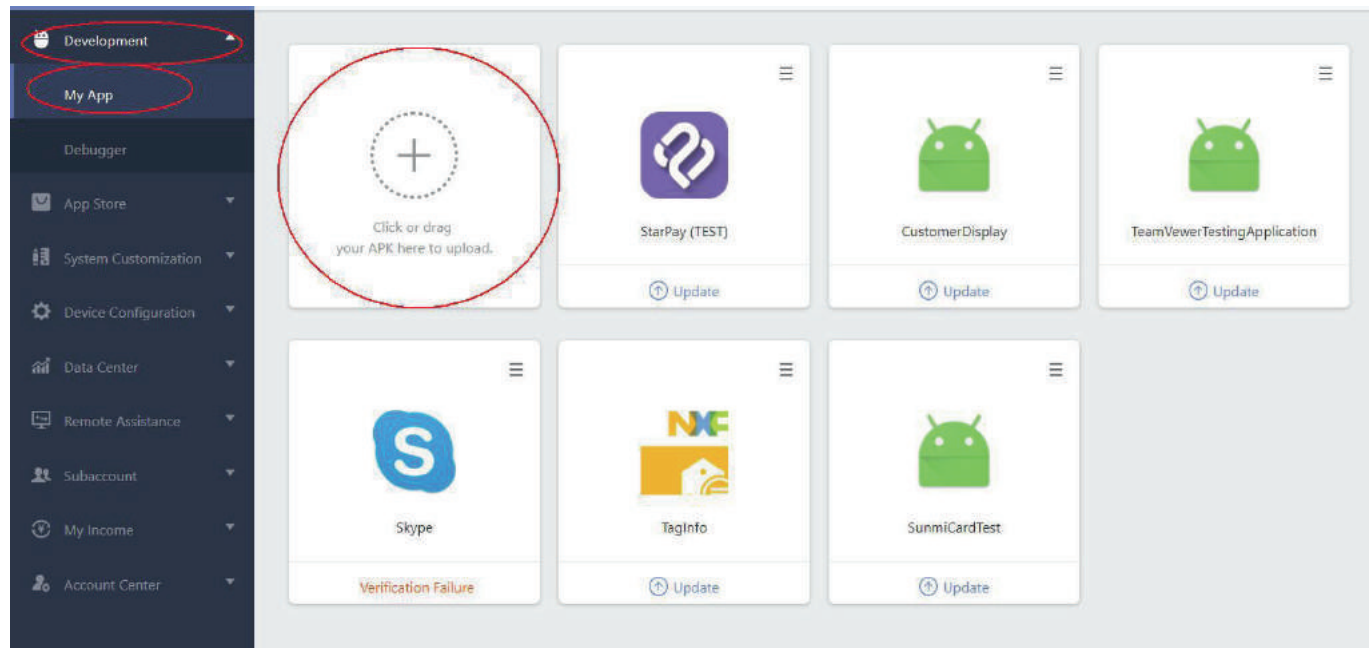
Info Pack

# SUNMI Cloud | Upload an app

You can upload your own app to the app store in SUNMI Cloud so that users of SUNMI can search, download and install it.

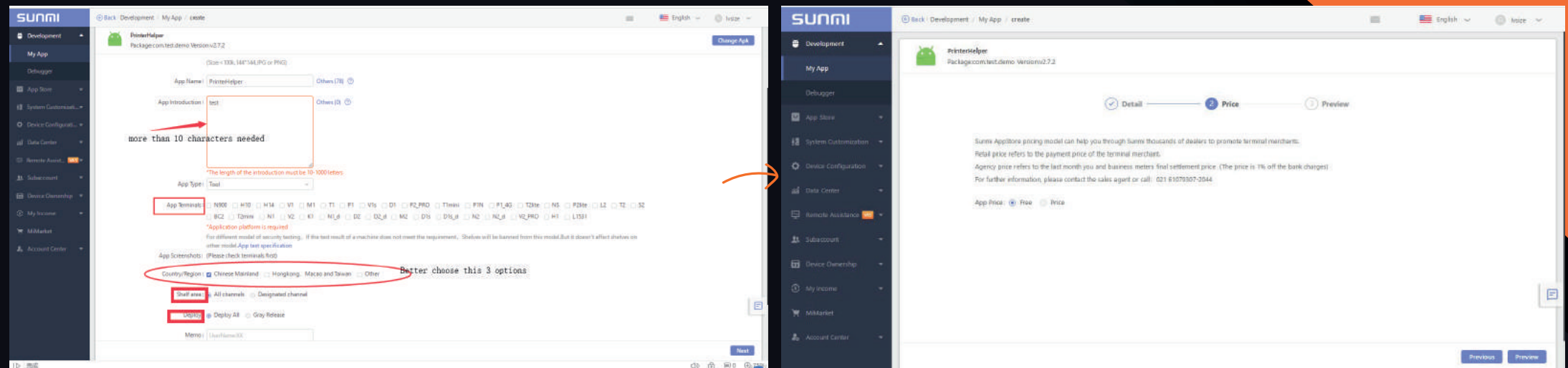
When an app is uploaded, you can select whether the app will be free or priced to download and can also choose whether the app will be available on your own channel or all SUNMI channels.

Click 'Development' then 'My App' and then you will see the option where you can click or drag your APK to upload it.



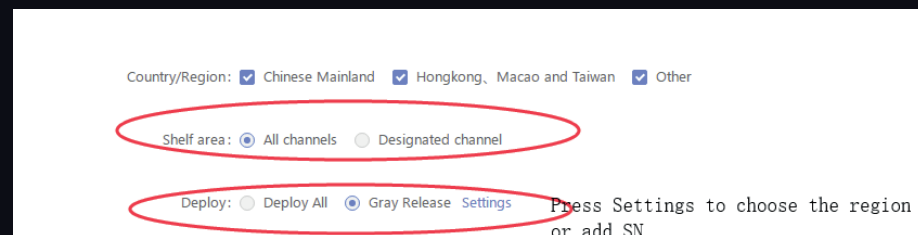
# SUNMI Cloud | Upload an app

After the APK is uploaded, the installation of the app will be assessed in the background. Then you will need to fill in the app name, profile, type, model, screenshots and notes.



Once you have clicked next, a message will appear that asks whether the app will be free or priced. Then click 'Preview' to view the app details and finish the process of the upload.

After the app has been submitted successfully it usually takes 1 working day for verification.

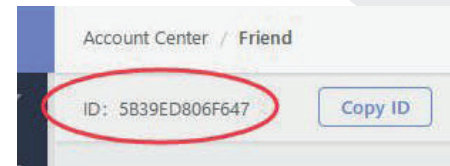


If you want your app to be public on the app store, you can select [Shelf Area] 'All channels' and [Deploy] 'Deploy all'.  
If you want your app to be private, you can select [Shelf Area] 'Designated channel' and [Deploy] 'Deploy all'.  
You can also make your app visible by region by selecting [Shelf Area] 'Designated channel' and [Deploy] 'Gray release' and then click settings to add the region.

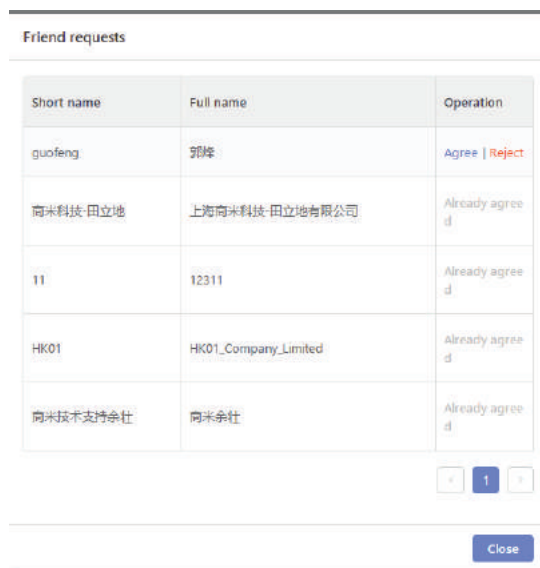
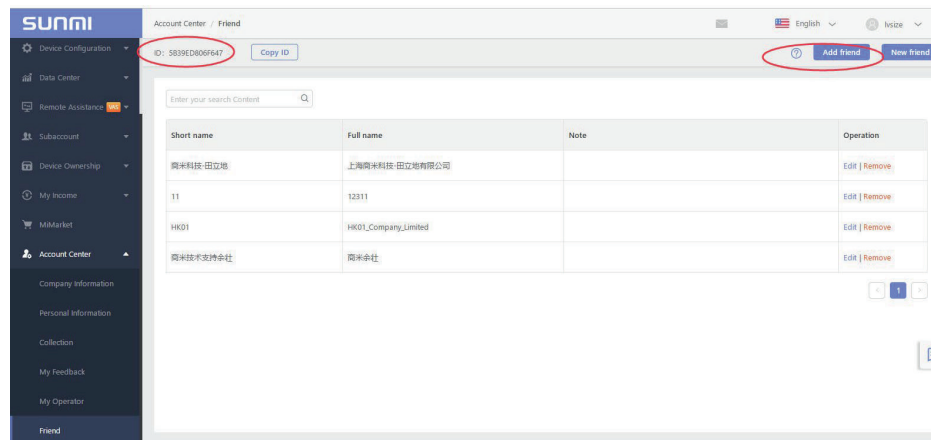


# SUNMI Cloud | Adding friends

When you register on the SUNMI Cloud you will receive a SUNMI ID number. To view this, go to the 'Account Centre' and click 'Friend'. Your ID number will be in the top left-hand corner.



You can add other SUNMI Partners via SUNMI Cloud using their ID numbers. Click 'Add friend' and type their ID number to add them.



To view friend requests that have been sent to you, click 'New friend' and then click 'Agree' or 'Reject' under Operation.



# SUNMI Cloud | Sharing your app with friends

When you upload your app (refer back to 'Upload an app' page if needed) select [Shelf Area] 'Designated Channel' and then click settings.

In settings tick the box 'Other channels' and below you can view your current list of friends. Click 'Add' next to the friend you wish to share the app with. If your app has been successfully submitted, your friend will be able to view your app on the SUNMI Cloud app store.

Country/Region: ☒ Chinese Mainland ☒ Hongkong, Macao and Taiwan ☒ Other

Shelf area: ☐ All channels ☒ Designated channel [Settings](#)

Deploy: ☒ Deploy All ☐ Gray Release

Memo: 

UserName:XX  
Password:XX  
Other:XX

Please provide the test account in the remarks

Settings

☒ For this channel only  
☒ Other channels

Search

Short name	Full name	Note	Operation
guofeng	郭峰		<a href="#">Add</a>
南米科技-田立地	上海南米科技-田立地...		<a href="#">Add</a>
11	12311		<a href="#">Add</a>
HK01	HK01_Compa...		<a href="#">Add</a>
南米技术支持余壮	南米余壮		<a href="#">Add</a>

< 1 >

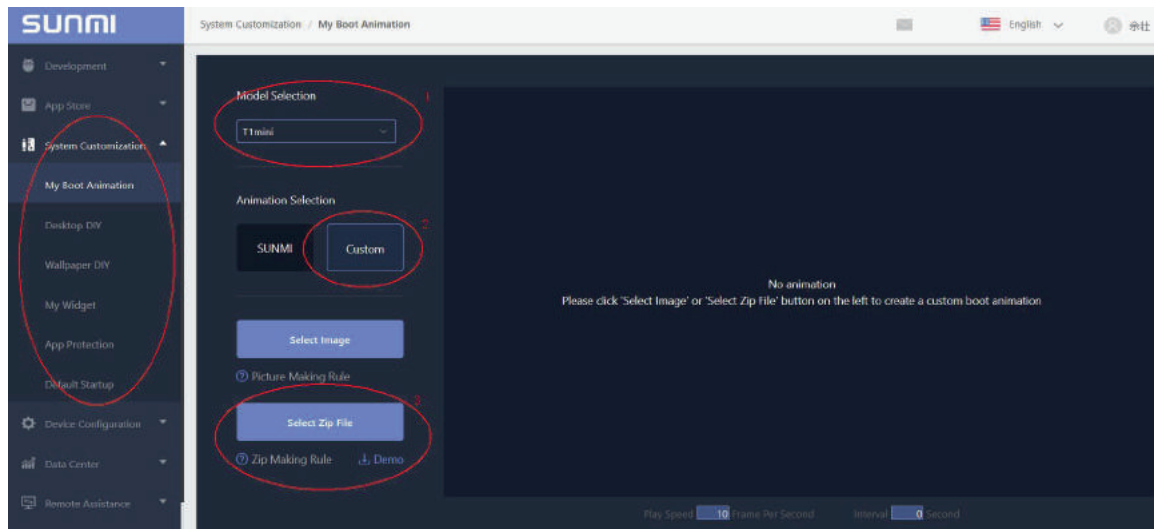
OK

# SUNMI Cloud | System Customisation

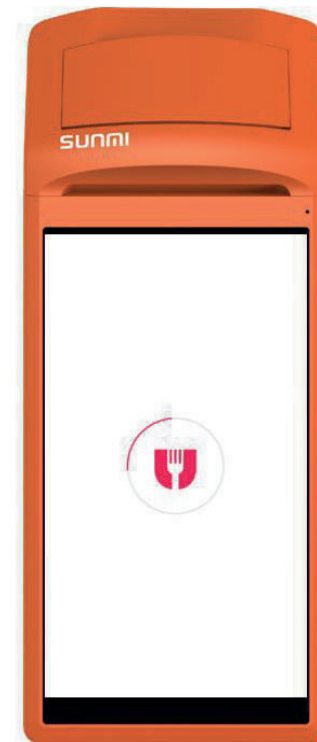
You can implement some customisation features on your SUNMI devices through the SUNMI Cloud.

## Boot Animation

The boot animation allows you to upload imagery to apply to your devices for when they are turned on. The full page SUNMI Cloud user manual includes image formats and dimensions for each device. Once you have uploaded your images, you will need to reboot your device to trigger a request for download and configuration of the boot animation.

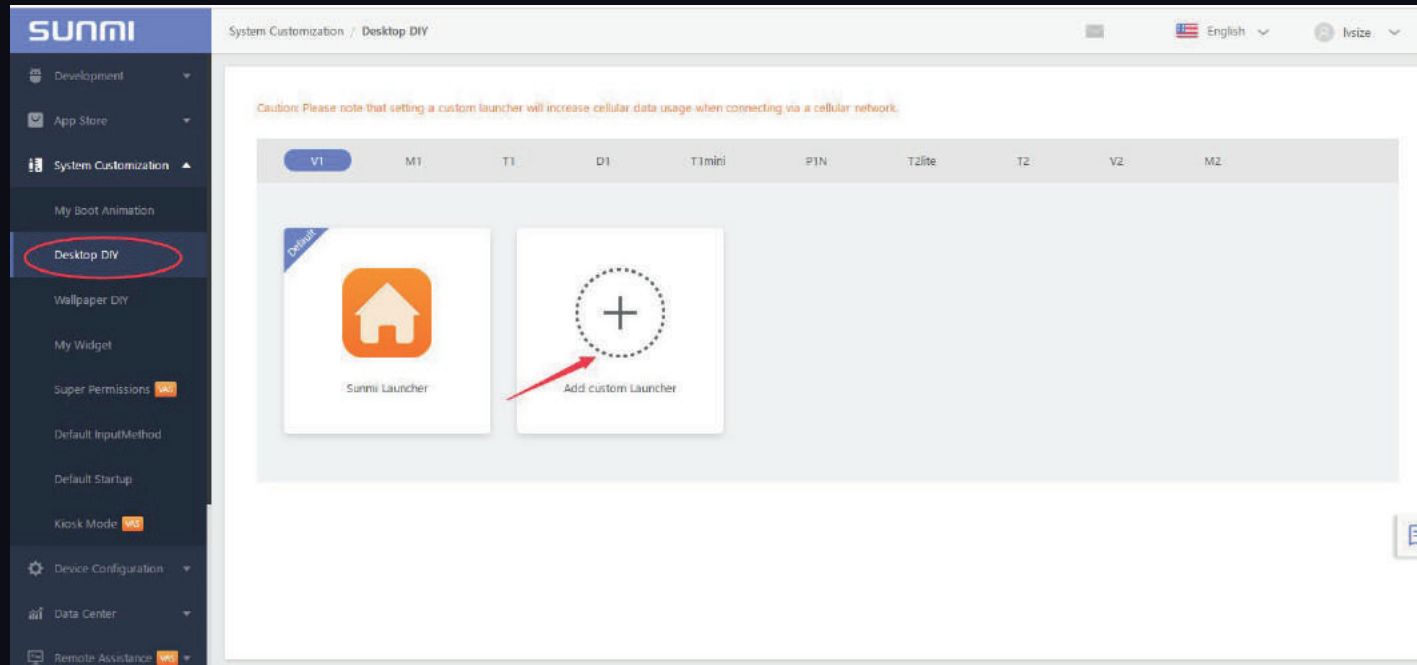


After you have accepted the download of the boot animation, you need to reboot your device. Once your device has been rebooted, the SUNMI logo will appear and then your boot animation will appear after.



## Desktop DIY

You can use Desktop DIY to apply your own launcher, rather than the default SUNMI launcher.



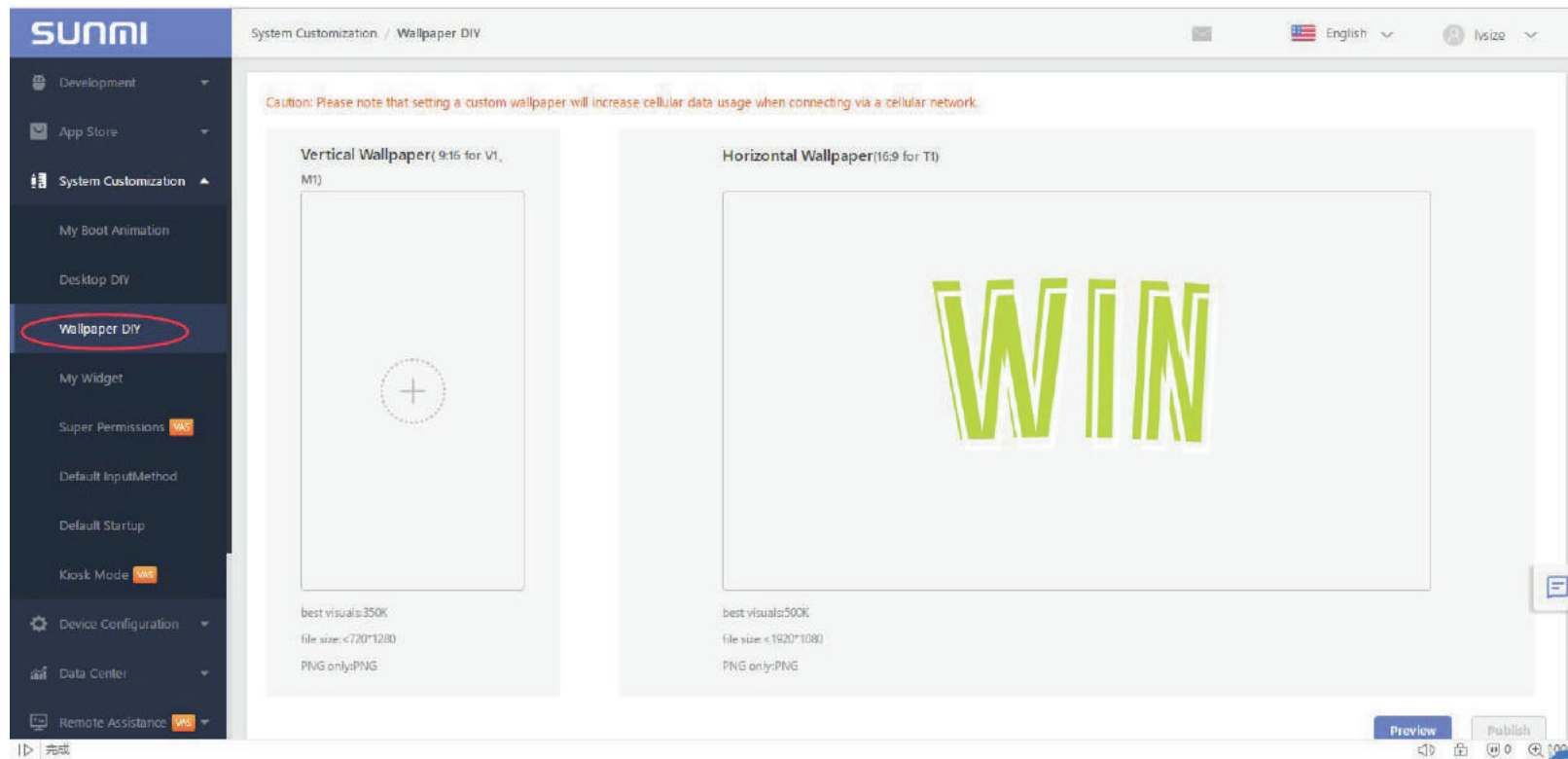
First, you will need to reboot your device to trigger the request to download and install the launcher you have added.

A moment after rebooting your device the first time, do this again. You will need to click the home button on your device and select the custom launcher to set as the default home screen.

# SUNMI Cloud | System Customisation

## Wallpaper DIY

You can upload a custom image to set as a default wallpaper on your devices. Refer to the full page SUNMI Cloud user manual for model image formats and dimensions.



Upload your images and your devices will download the new wallpaper as they reboot.

## Default Startup

For each model you can select one app that will automatically start after the device is powered on.

The screenshot displays the SUNMI System Customization interface for Default Startup. The left sidebar contains navigation options: Development, App Store, System Customization (expanded), My Boot Animation, Desktop DIY, Wallpaper DIY, My Widget, Super Permissions (VAS), Default InputMethod, Default Startup (highlighted with a red circle), Kiosk Mode (VAS), Device Configuration, Data Center, and Remote Assistance (VAS). The main content area shows a table of device models with their current default startup status. A modal window is open for selecting an app to set as the default startup. The modal lists the following apps: Google Chrome, 搜狗输入法, Firefox, Google Korean, and Firefox. The 'Google Chrome' option is highlighted with a red circle.

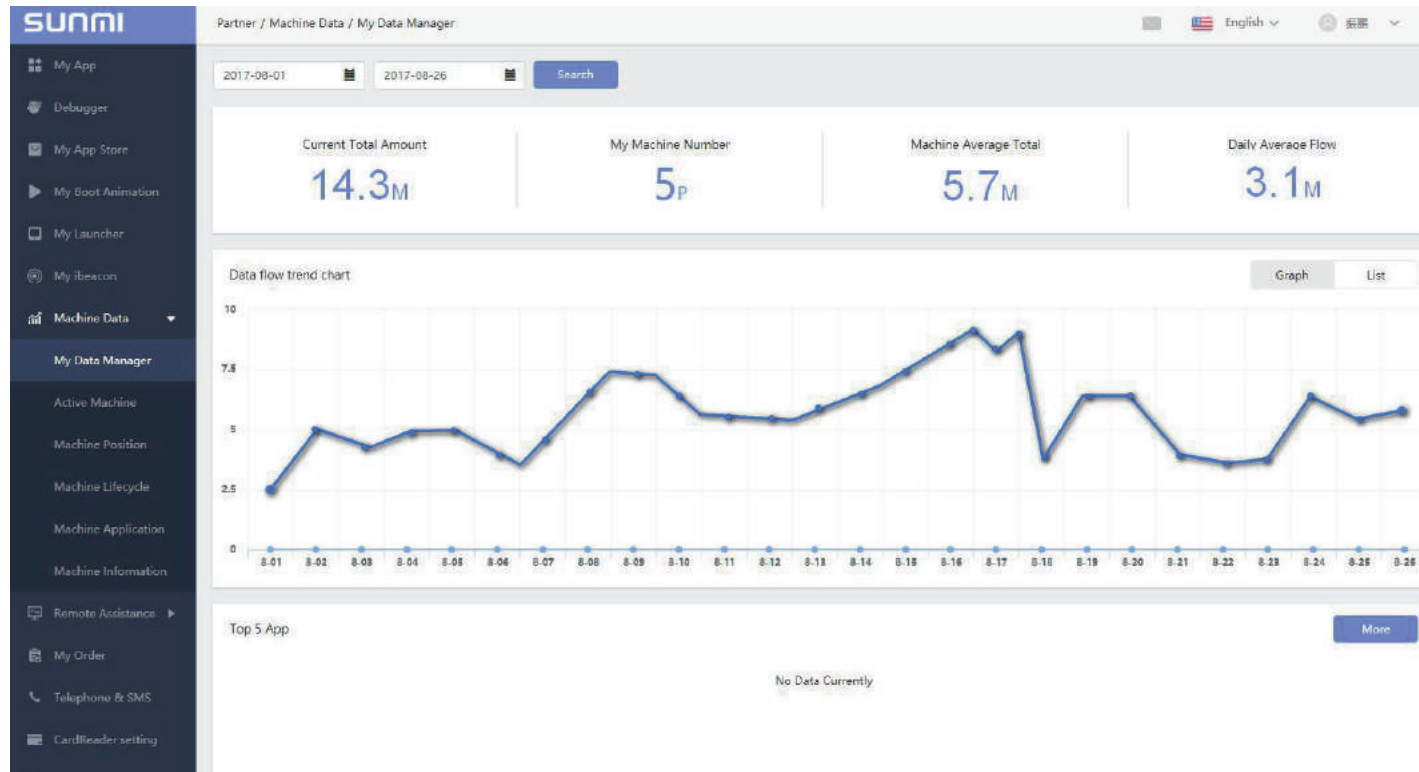
Model	Default Startup
V1	No default start
M1	No default start
D1	No default start
T1mini	No default start
P1N	No default start
T2lite	No default start

Modal Window: Please enter an app name

- Google Chrome (Set default start)
- 搜狗输入法 (Set default start)
- Firefox (Set default start)
- Google Korean (Set default start)
- Firefox (Set default start)

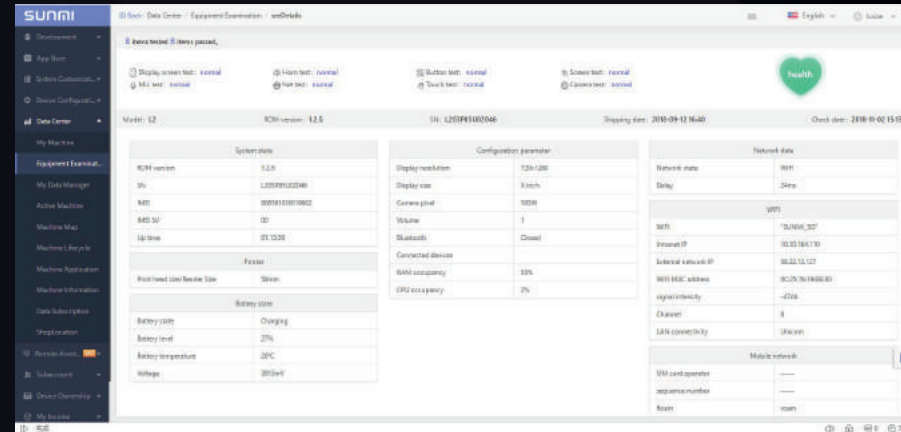
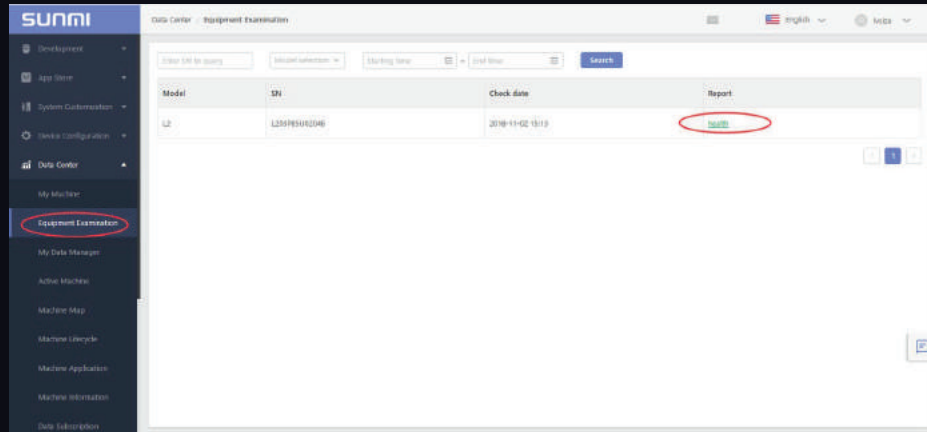
## My Data Manager

The Data Manager can help you collect app data and mobile data usage from the devices connected to your account.



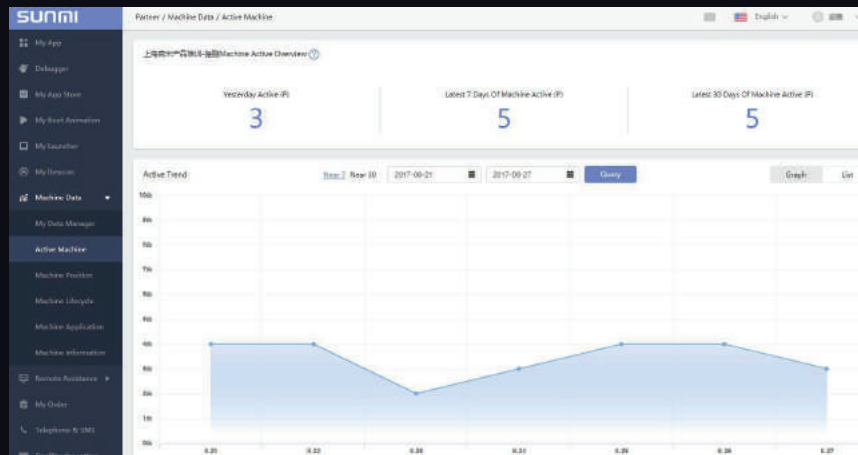
## Equipment Examination

You can examine your SUNMI hardware on the PoS Steward app on your devices. The test report will then be uploaded to the SUNMI Cloud.



## Active Machine

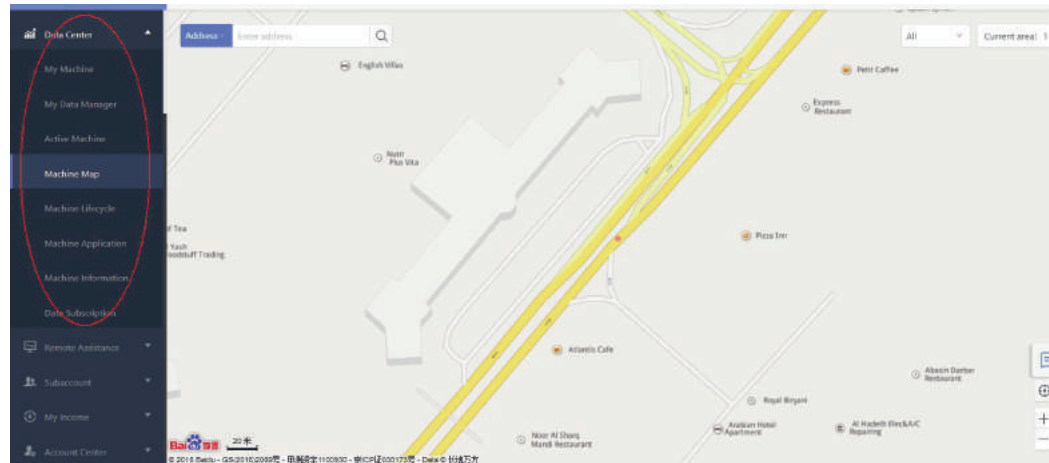
Active machine allows you to view which devices have been active in the last day, 7 days and 30 days.





## Machine Map

You can view where your devices are by network or GPS through Machine Map.



## Machine Lifecycle

You can check the date of delivery and activation of your SUNMI devices, as well as the warranty period for them.

SN	Terminal	The Date Of Issuance	Activation Date
M101167200964		2016-09-01	
M101167V00994		2016-08-07	2017-06-06
M101168202185		2016-12-23	2017-07-17
T10318AC00059	T1-G	2017-04-12	2017-04-12
V101164801197		2016-10-11	2016-09-13

Machine Application allows you to view the current installed apps on your devices.

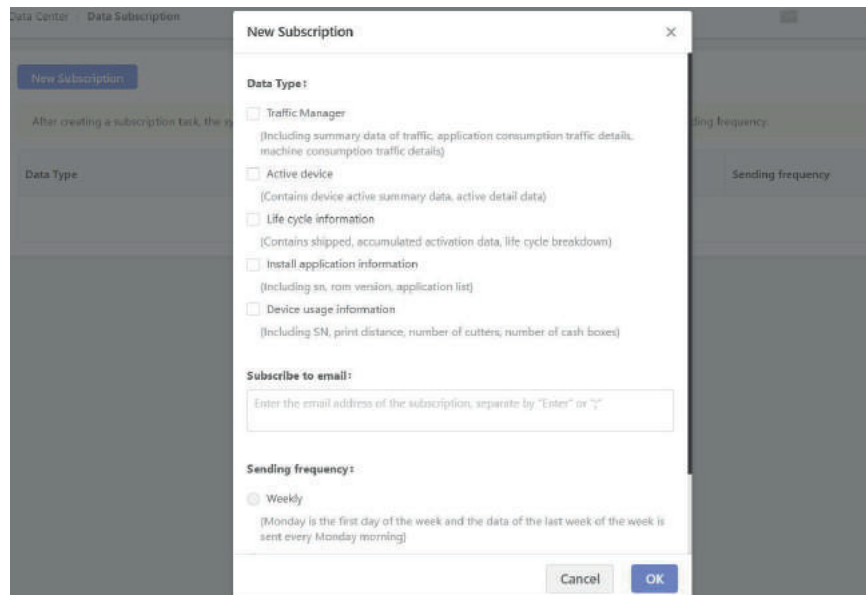
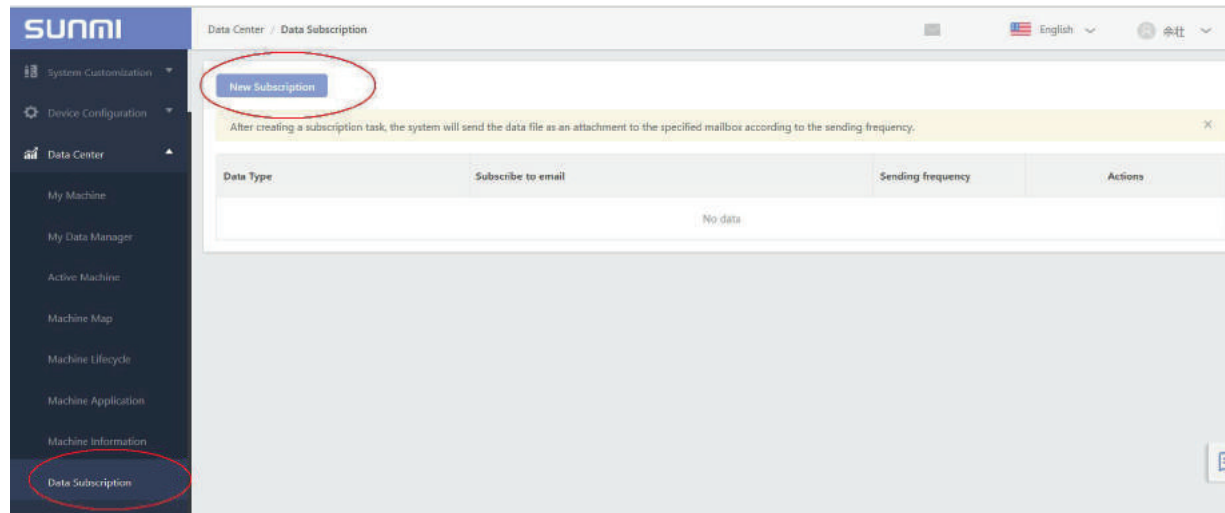


Machine information allows you to view your current device usage, including the amount of times a cash drawer has been opened.

# Info Pack

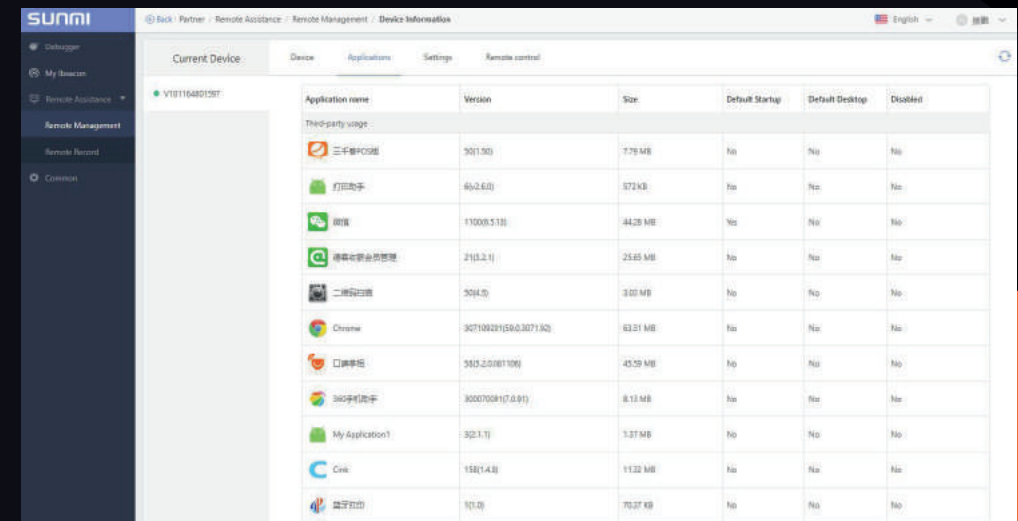
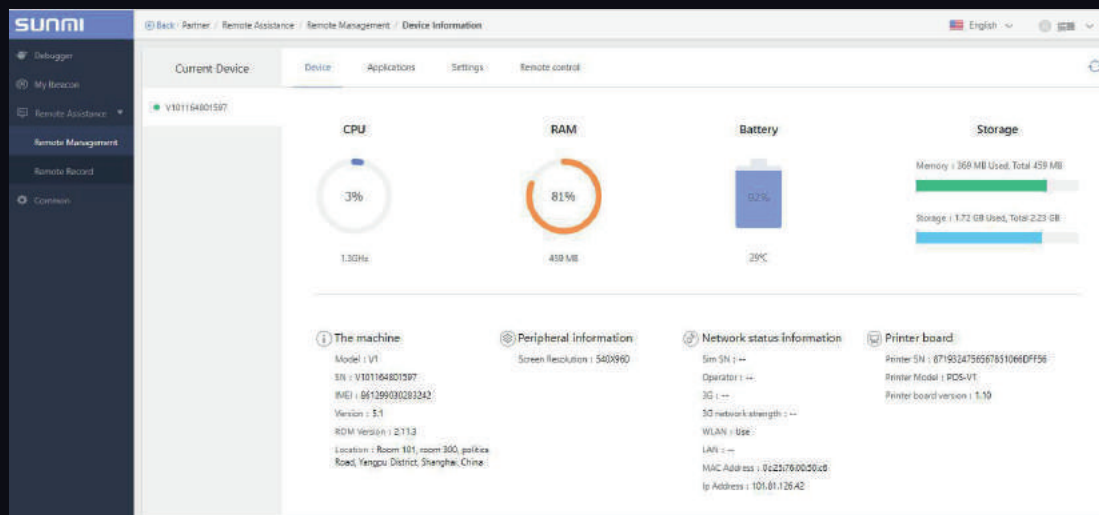
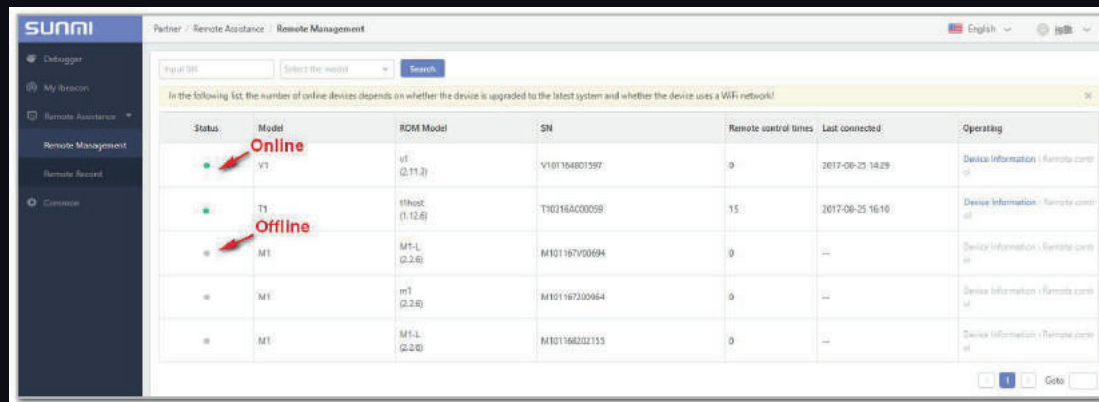
## Data Subscription

You can send data from the Device Centre as an attachment to a specified email address using Data Subscription.



## Remote Management

Remote Management allows you to browse the configuration information of your remote devices, as well as the devices performance, network status information, installed apps and general settings.

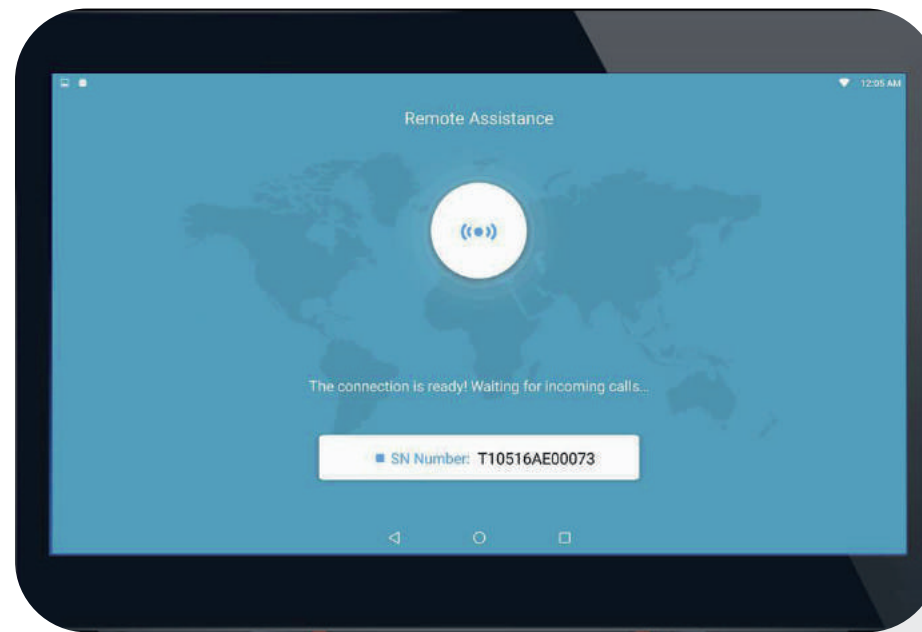
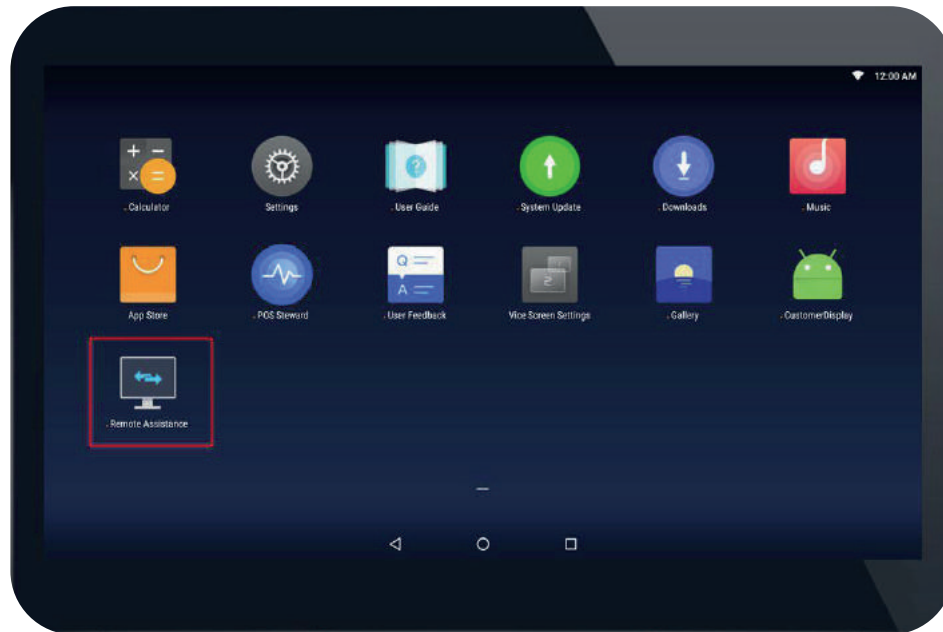




## Remote Control

You can view your device's screen in real-time via the SUNMI Cloud to troubleshoot problems your customers are having with the device, remotely.

Before trying to control the remote device, you need to inform your customer to run the 'Remote Assistance' app. This can be downloaded from the app store.



When the status indicates that 'The connection is ready! Waiting for incoming calls...', you then need to locate the device on Remote Management.

# SUNMI Cloud | Remote Assistance

Once you have located the device you want to access, you will see under 'Operating' whether the device is ready for Remote Assistance. Click 'Remote Control' and then 'Apply for control'.

Partner / Remote Assistance / Remote Management

Input SN  Select the model  Search

In the following list, the number of online devices depends on whether the device is upgraded to the latest system and whether the device uses a WiFi network!

Status	Model	ROM Model	SN	Remote control times	Last connected	Operating
	T1	t1host (1.12.6)	T10316AC00059	15	2017-08-29 15:00	Device Information   Remote control
	T1	T1-G	T10516AE00073	1	2017-08-25 09:42	Device Information   Remote control

The remote assistance is ready.

Back Partner / Remote Assistance / Remote Management / Device Information

Current Device Device Applications Settings Remote control

V101164801597

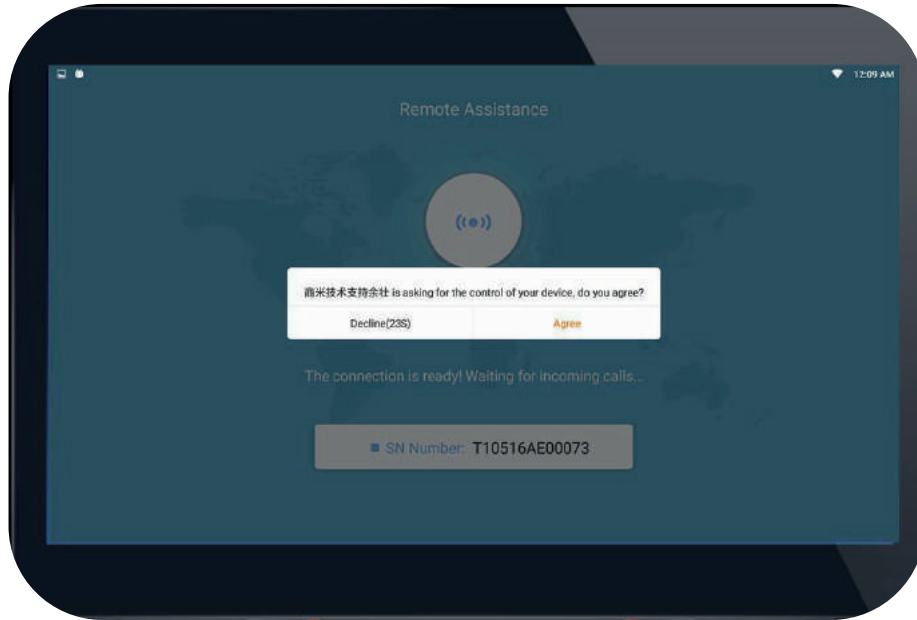
Apply for control

No equipment is under control now

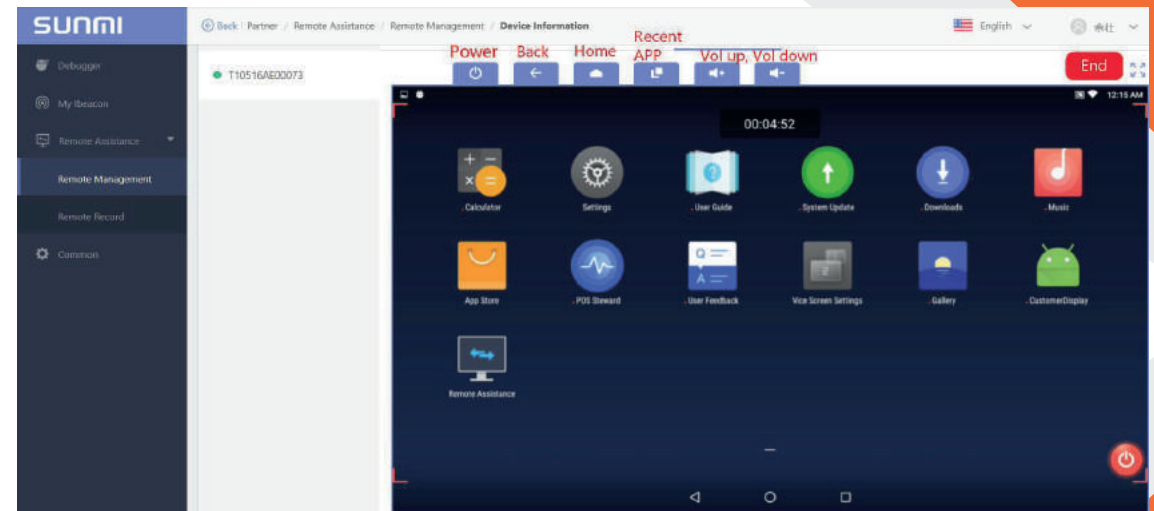
# SUNMI Cloud | Remote Assistance

Your customer will then see the following prompt: 'XXX is asking to control your device, do you agree?' with the option to Agree or Decline.

## Device



## SUNMI Cloud



Once this prompt has been approved, you will be able to see a real-time version of the device's screen, which you can control freely from the SUNMI Cloud.

# SUNMI Cloud | Remote Assistance

SUNMI automatically gives you a free package for Remote Assistance which lets you have the following each month:

Product Name	Details
Remote control	50 mins/month
Send files	File ≤ 30MB   1 day/month
Get log	Only log, txt   1 day/month
Reboot/Power off	1 day/month
Uninstall app	1 day/month
Clear password	1 day/month
Lock device	1 day/month
Remote ADB	1 day/month
Send message	1 day/month

You can upgrade your package to the Enterprise Edition which can be paid monthly. This will give you 500 minutes per month to use the remote control feature, send up to 100MB of files each day and gives you unlimited access to everything else in the package.

Enterprise Edition

Buy now

¥220

per Month

500 mins/month

File ≤ 100MB

Unlimited format

Unlimited

Unlimited

Unlimited

Unlimited

Unlimited

Unlimited



# SUNMI Cloud | Operator Management

There are two types of role available on the SUNMI Cloud. These are:

**Administrator:** You can use all the functions available on the SUNMI account and create or delete operators, as well as assign management rights to these operators. You can also transfer the administrator identity to one of the operators.

**Operator:** The operator can only use the functions assigned to them by the administrator.

Under Account Centre, there is a 'My Operator' section that is only visible to administrators when they log in. Through this you can add a new operator and assign which features this operator can have access to.

The first screenshot shows the 'Add the operator' dialog box. The 'Email' field is highlighted with a red box, and the 'Name' field is also highlighted with a red box. The 'Add the operator' button is circled in red.

The second screenshot shows the 'My Operator' table. The table has columns: name, Email, Role, Permission, State, and Operate. The 'Select permissions' link is highlighted with a red box. The 'Add the operator' button is also visible in the top right corner.

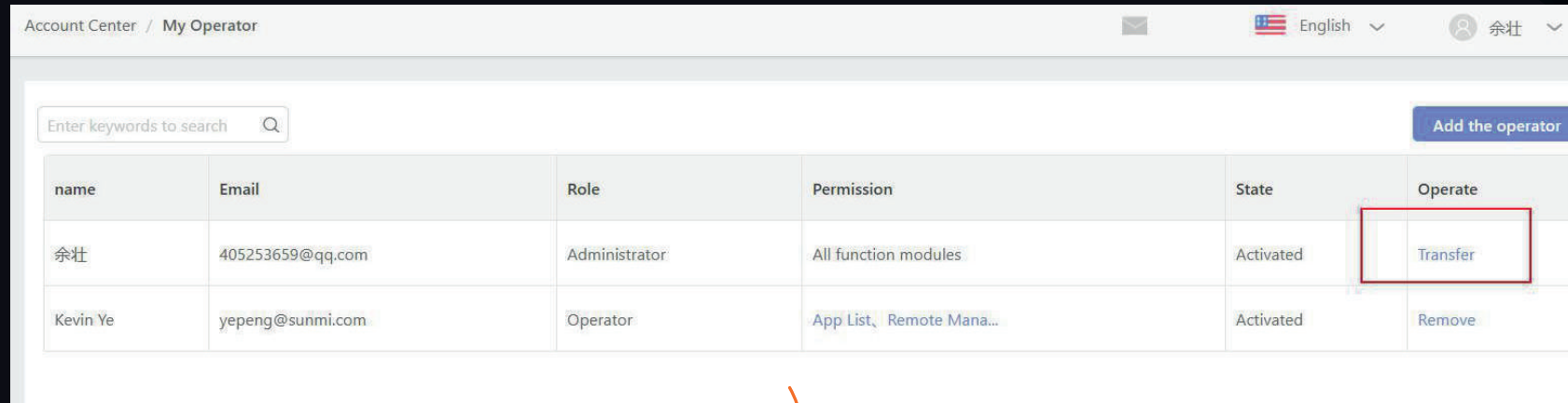
The third screenshot shows the 'Select permissions' dialog box. The 'App List' and 'Remote Management' checkboxes are highlighted with red boxes. The 'Save' button is also highlighted with a red box.

name	Email	Role	Permission	State	Operate
余社	405253659@qq.com	Administrator	All function modules	Activated	Transfer
Kevin Ye	yepeng@sunmi.com	Operator	Select permissions	Not Active	Resend mail   Remove

# SUNMI Cloud | Operator Management

Administrators can transfer their administrator status to one of their operators.

Under My Operator, you can click transfer on the administrator account and then type the email of the operator account you wish to transfer the status to.

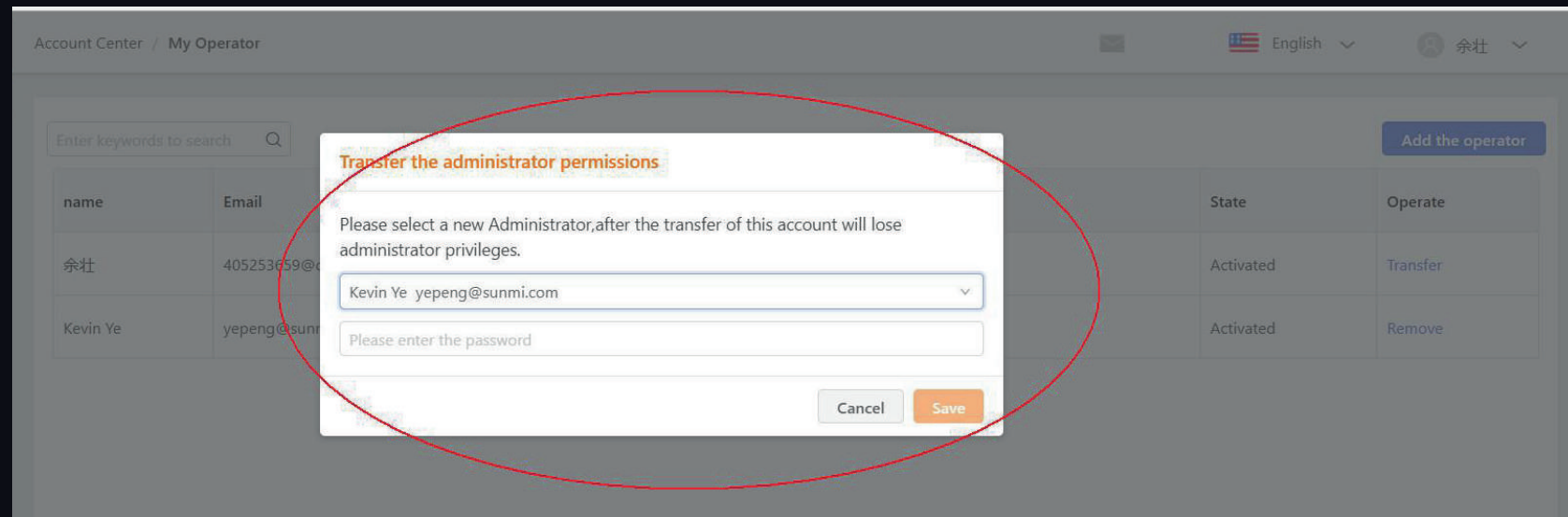


Account Center / My Operator

Enter keywords to search

Add the operator

name	Email	Role	Permission	State	Operate
余壮	405253659@qq.com	Administrator	All function modules	Activated	Transfer
Kevin Ye	yepeng@sunmi.com	Operator	App List, Remote Mana...	Activated	Remove



Account Center / My Operator

Enter keywords to search

Add the operator

**Transfer the administrator permissions**

Please select a new Administrator, after the transfer of this account will lose administrator privileges.

Kevin Ye yepeng@sunmi.com

Please enter the password

Cancel Save

name	Email	Role	Permission	State	Operate
余壮	405253659@qq.com	Administrator	All function modules	Activated	Transfer
Kevin Ye	yepeng@sunmi.com	Operator	App List, Remote Mana...	Activated	Remove

# SUNMI Cloud | Assigning your device



When you purchase a SUNMI device from Varlink, we have to assign the device to your SUNMI account. Firstly, to do this you need to add Varlink as a friend (refer back to adding a friend section).

Varlink can then transfer the device to you and you will be notified in Device Ownership, 'Gift & Acceptance Record'.

Once the device has been assigned to you, you can use all of the features on the SUNMI Cloud and apply it to your newly allocated device.

## Can't find the answer?

Ask us for the full version of the SUNMI Cloud User Manual.

Info Pack