

Smart Payment Terminal

# SUNMI P3 Family - P3H DUAL New

Incredible powerful and transparency,  
beyond payment experience.

Powered by  
**SUNMI OS**

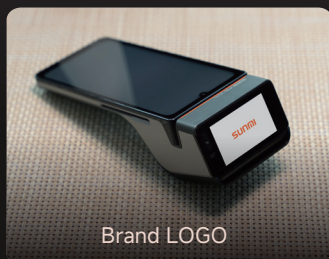
Compatible with  
**SUNMI DMP**

Compatible with  
**SUNMI PAYMENT SOLUTION**

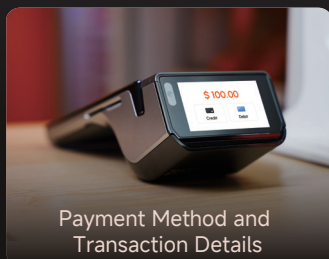


- **Future-proof product design.**  
6.75" HD+ screen, 350 nits brightness.  
Futuristic metallic color.  
Slim body, only 17mm at its thinnest part.
- **Experience transparent transactions.**  
Our 2.46" secondary screen ensures that every transaction detail is crystal clear, fostering trust and transparency at every checkout.
- **Incredibly powerful performance to effortlessly navigate complex business landscapes.**  
Run more SaaS apps effortlessly with an octa-core processor and up to 4GB+64GB memory, to offer customers consistently smooth experience.
- **A one-stop payment solution built inside for worry-free transactions.**  
SUNMI OS: designed for payment and PCI & EMV certified security.  
TMS: deployed on a private cloud to securely manage your devices.  
RKL: inject or update keys with lower operating costs.  
Remote Assistance: remote troubleshooting for better service experience.

## Secondary screen for brand advertising, transaction details and QR code display.



Brand LOGO



Payment Method and Transaction Details



Tips



QR Code

\*Display content is customizable.

## All-rounder, in all payment scenarios

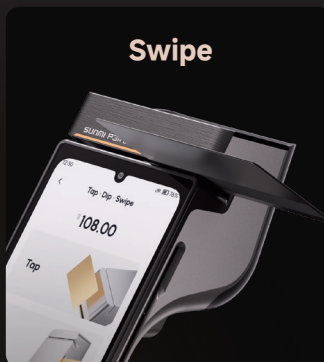
Scan, tap, chip, or swipe... customers can pay the way they like.



Scan



NFC



Swipe



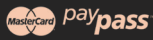
Chip

## SUNMI P3H DUAL Application Scenarios



Elevate your checkout experience with the P3H DUAL version. The main screen facilitates transactions, while the secondary screen displays amounts and details, offers one-tap tip selection, and supports multiple payment methods—boosting transparency and convenience.

### Versatile, supports multiple payment methods.



## SUNMI P3H DUAL Tech Specs

<b>CPU</b> Octa-core, up to 2.2GHz	<b>OS</b> SUNMI OS 4.0 (Based on Android 14)	<b>Memory</b> 2GB RAM + 32GB ROM 4GB RAM + 64GB ROM Extended Micro SD Card Slot Up to 512GB	<b>Displays</b> Main: 6.75" HD+, 720*1600 Pixels, IPS, Capacitive Multi-touch Screen Secondary: 2.46" , 272*480 Pixels, IPS, Capacitive Multi-touch Screen	<b>Printer</b> High-speed thermal printer: 70mm/s Paper roll width/diameter: 58mm/40mm
<b>Buttons</b> 1*Power button	<b>Card Slots</b> 1*Nano SIM + 1*TF / 2*Nano SIM 2*PSAM	<b>eSIM</b> Support (Optional)	<b>Interface</b> 1*Type-C 6*Pogo PIN on the back for connecting accessories	<b>Cellular</b> 4G/3G/2G
<b>Wi-Fi</b> 5GHz/2.4GHz IEEE 802.11 a/b/g/n/ac	<b>Bluetooth</b> Bluetooth 5.0, Support BLE	<b>Positioning</b> GPS/Glonass/Beidou /Galileo	<b>Cameras</b> 2MP FF Front Camera + 5MP AF Rear Camera + 2MP Scan Camera 2MP FF Front Camera + 5MP AF Rear Camera	<b>Magstripe Reader</b> Support 1/2/3 track, Bi-direction, comply with ISO 7810/7811 standards
<b>IC Card Reader</b> Support smart IC card, comply with ISO 7816 standard	<b>NFC</b> Support ISO/IEC 14443 TypeA/B, Mifare, Felica, ISO 15693 compliant Support NFC tag	<b>Audio</b> 1*Speaker	<b>Battery</b> Removable Lithium Polymer Battery 7.7V/3100mAh (Equal to 3.85V/6200mAh)	<b>Adapter</b> Input: 100V-240V AC Output: 5V2A DC
<b>Dimensions(L*W*H)</b> 204.7*80*17 mm	<b>Net Weight</b> 420g	<b>Environment</b> Operating Temperature: -10°C to 50°C Storage Temperature: -20°C to 70°C Operating Humidity: 5% to 95% non-condensing	<b>Accessories (optional)</b> Function Cradle Neck Strap Hand Strap Tempered glass screen protector	



Smart Payment Terminal

# SUNMI P3

New

Big screen, powerful, innovative payment terminal.



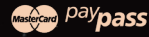
UnionPay Network Access License

PCI PTS 6.2

PCI PTS 6.2 Security Standards Compliance



EMV Certification



MasterCard PayPass Approval



Visa PayWave Approval



American Express Certification

Powered by  
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Compatible with  
**SUNMI DMP**

Compatible with  
**SUNMI PAYMENT SOLUTION**

## Future-proof product design.

6.75" HD+ screen, 350 nits brightness.

Futuristic metallic color. Slim body, only 17mm at its thinnest part.

## Upgraded, in performance.

A quad-core processor and 2GB + 32GB memory are available to offer always smooth experience.

The professional scanner can accurately reads 1D/2D barcodes, even if scratched, folded or stained.

## A one-stop payment solution built inside for worry-free transactions.

SUNMI OS: designed for payment and PCI & EMV certified security.

TMS: deployed on a private cloud to securely manage your devices.

RKI: inject or update keys with lower operating costs.

Remote Assistance: remote troubleshooting for better service experience.



## All-rounder, in all payment scenarios

Scan, tap, chip, swipe or customers can pay the way they like.

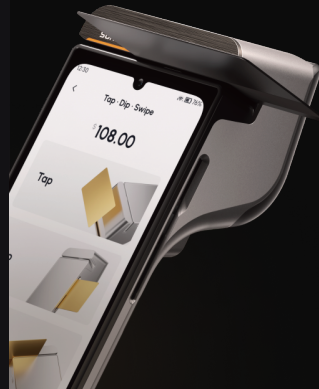
Scan



NFC



Swipe



Chip



## SUNMI P3 Family Application Scenario



Restaurant Ordering



Retail Inventory Counting  
& Checkout



Designed for the  
Visually Impaired

\*The above scenarios apply to P3/P3KH/P3H.

## SUNMI P3 Tech Specs

### General Configuration

<b>Product Model</b> T6F10	<b>Processor</b> Quad-Core A53,2.0GHz	<b>OS</b> SUNMI OS (Based on Android 11 Go)	<b>Memory</b> 2GB RAM+32GB ROM	<b>Display</b> 6.75" TFT HD+720*1600,IPS
<b>Touch panel</b> Capacitive multi-touch, Anti-fingerprint coating	<b>Printer</b> High-speed thermal printer: 70mm/s Paper roll width/ diameter: 58mm/40mm	<b>Rear Camera</b> 5MP AF,or 2M FF (Optional)	<b>Front Camera</b> 2MP FF,or N/A	<b>Magstripe Reader</b> Support 1/2/3 track,Bi- direction,complies with ISO7810/7811 standards
<b>IC Card Reader</b> Support smart IC card, complies with ISO7816 standard	<b>NFC Reader</b> Support Type A&B card, Mifare card,complies ISO/IEC 14443, EMV,Paypass, Paywave	<b>PSAM card slot</b> 2xPSAM	<b>SIM/SD Card Slot</b> 1xSIM+1xMicro SD or 2xSIM,1xSIM+1xeSIM (Support customization) +1xMicro SD (Optional)	<b>Scanner</b> 1D/2D professional Scanner,SS1104 (Optional)
<b>Fingerprint</b> STQC,FBI (Optional) * *coming soon	<b>Network</b> 2G&3G&4G	<b>Wi-Fi</b> 2.4G/5GHz,Supports IEEE 802.11 a/b/g/n/ac	<b>Bluetooth</b> Bluetooth 5.0,support BLE	<b>GPS</b> GPS,Glonass,Beidou, Galileo
<b>G-Sensor</b> Optional	<b>Buttons</b> Power Key,Function Key*1 (Optional)	<b>Speaker</b> 1 speaker,90dB	<b>Ports</b> 1* Type-C USB OTG supported 6* Pogo pin on the back for charging/wired commucation (Optional)	<b>Battery</b> Removable Lithium battery,7.7V/2630mAh
<b>Power Adapter</b> Input: AC100-240V Output: 5V/2A	<b>Dimensions(L*W*H)</b> 201.4*80*17mm	<b>Total Weight</b> 400g minimum (include battery)	<b>Environmental</b> Operating temperature: -10°C~50°C Storage temperature: -20°C~70°C	<b>Cradle</b> Function Cradle,Support 1*USB-C,1*USB-A, 1*Ethernet (Optional), 1*RS232(Optional), WiFi(Optional)



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# SUNMI P3H New

Incredible powerful, beyond payment experience.

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Compatible with  
**SUNMI DMP**

Compatible with  
**SUNMI PAYMENT SOLUTION**

UnionPay  
银联  
UnionPay Network Access  
License

MasterCard  
paypass  
MasterCard PayPass  
Approval

PCI PTS 6.2  
PCI PTS6.2 Security Standards  
Compliance

Visa  
payWave  
Visa PayWave Approval

EMVCo.  
EMV Certification

AMERICAN  
EXPRESS  
American Express  
Certification

## Future-proof product design.

6.75" HD+ screen, 350 nits brightness.

Futuristic metallic color.

Slim body, only 17mm at its thinnest part.

## Incredible powerful performance to effortlessly navigate complex business landscapes.

Run more SaaS apps effortlessly with an octa-core processor and 4GB+64GB memory, to offer customers consistently smooth experience.

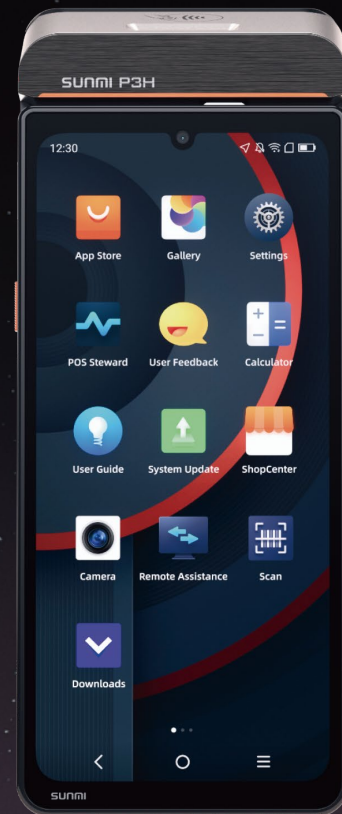
## A one-stop payment solution built inside for worry-free transactions.

SUNMI OS: designed for payment and PCI & EMV certified security.

TMS: deployed on a private cloud to securely manage your devices.

RKI: inject or update keys with lower operating costs.

Remote Assistance: remote troubleshooting for better service experience.



## All-rounder, in all payment scenarios

Scan, tap, chip, swipe or customers can pay the way they like.

Scan



NFC



Swipe



Chip



\*The above features apply to P3/P3KH/P3H

## SUNMI P3 Family Application Scenario



Restaurant Ordering



Retail Inventory Counting  
& Checkout



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## SUNMI P3H Tech Specs

### General Configuration

<b>Product Model</b> T6F10	<b>Processor</b> Octa-Core, 4xA53 2.2GHz+4xA53 1.6GHz	<b>OS</b> SUNMI OS (Based on Android 11)	<b>Memory</b> 4GB RAM+64GB ROM	<b>Display</b> 6.75" TFT HD +720*1600,IPS
<b>Touch panel</b> Capacitive multi-touch,Anti-finger- print coating	<b>Printer</b> High-speed thermal printer: 70mm/s Paper roll width/diameter: 58mm/40mm	<b>Rear Camera</b> 5MP AF Rear camera 13MP AF Rear camera (Optional)	<b>Front Camera</b> 2MP FF Front camera	<b>Magstripe Reader</b> support 1/2/3 track,Bi-direction,com- plies with ISO7810/7811 standards
<b>IC Card Reader</b> Support smart IC card, complies with ISO7816 standard	<b>NFC Reader</b> Support Type A&B card, Mifare card,complies ISO/ IEC 14443,EMV,Paypass, Paywave,Felica (Optional)	<b>PSAM card slot</b> 2xPSAM	<b>SIM/SD Card Slot</b> 1xSIM+1xMicro SD or 2xSIM,1xSIM+1xeSIM+1xMi- cro SD (Optional)	<b>Scanner</b> 1D/2D professional Scanner,SS1104(Optional)
<b>Network</b> 2G&3G&4G	<b>Wi-Fi</b> 2.4G/5GHz,Supports IEEE 802.11 a/b/g/n/ac	<b>Bluetooth</b> Bluetooth 5.0,support BLE	<b>GPS</b> GPS,Glionass,Beidou, Galileo	<b>G-Sensor</b> Optional
<b>Buttons</b> Power Key,Function Key*1 (Optional)	<b>Speaker</b> 1 speaker,90dB	<b>Ports</b> 1*Type-C USB OTG supported 6*Pogo pin on the back for charging/wired commucation (Optional)	<b>Battery</b> Removable Lithium battery,7.7V/2630mAh	<b>Power Adapter</b> Input: AC100-240V Output: 5V/2A
<b>Dimensions(L*W*H)</b> 201.4*80*17mm	<b>Total Weight</b> 400g minimum (include battery)	<b>Environmental</b> Operating temperature: -10°C~50°C Storage temperature: -20°C~70°C	<b>Cradle</b> Function Cradle,Support 1*USB-C,1*USB-A, 1*Ethernet (Optional), 1*RS232(Optional), WiFi(Optional)	



Smart Payment Terminal

# SUNMI P3KH New

Big-HD screen, Android payment terminal with physical keypad.



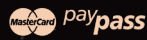
UnionPay Network Access License

PCI PTS 6.2

PCI PTS6.2 Security Standards Compliance



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American Express Certification

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Compatible with  
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## Future-proof product design.

An Android-powered POS terminal comes with the ultimate big screen and a classic keypad.

Futuristic metallic color. Slim body, only 18.5mm at its thinnest part.

## Adaptable to various application scenario

A delicate keypad for the visually impaired with PIN brings an excellent user experience.

## A one-stop payment solution built inside for worry-free transactions.

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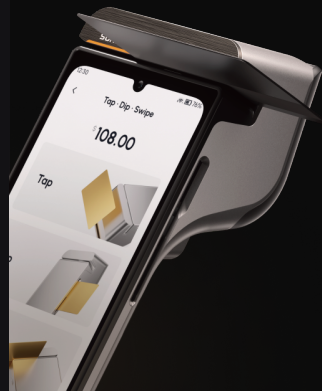
Scan



NFC



Swipe



Chip



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## SUNMI P3 Family Application Scenario



Restaurant Ordering



Retail Inventory Counting  
& Checkout



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Visually Impaired

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## SUNMI P3KH Tech Specs

### General Configuration

<b>Product Model</b> T6831	<b>Processor</b> Octa-Core, 4xA53 2.0GHz+4xA53 1.5GHz	<b>OS</b> SUNMI OS (Based on Android 11)	<b>Memory</b> 2GB RAM +32GB ROM	<b>Display</b> 5" HD,720*1280,IPS
<b>Touch panel</b> Capacitive multi-touch	<b>Printer</b> High-speed thermal printer: 70mm/s Paper roll width/diameter: 58mm/40mm	<b>Rear Camera</b> 5MP AF,or 2M FF(Optional)	<b>Front Camera</b> 2MP FF Front camera (Optional)	<b>Magstripe Reader</b> support 1/2/3 track,Bi-direction,com- plies with ISO7810/7811 standards
<b>IC Card Reader</b> Support smart IC card, complies with ISO7816 standard	<b>NFC Reader</b> Support TypeA&B card,Mifare card,complies ISO/IEC 14443,EMV, Paypass,Paywave	<b>PSAM card slot</b> 2xPSAM	<b>SIM/SD Card Slot</b> 1xSIM+1xMicro SD or 2xSIM,1xSIM+1xeSIM+ 1x Micro SD (Optional)	<b>Network</b> 2G&3G&4G
<b>Wi-Fi</b> 2.4G/5GHz,Supports IEEE 802.11 a/b/g/n/ac	<b>Bluetooth</b> Bluetooth 5.0,support BLE	<b>GPS</b> GPS,Glonass,Beidou, Galileo	<b>G-Sensor</b> Optional	<b>Buttons</b> 1*Power Key
<b>Keypad</b> 15keys, '0'-'9' with number+alphabet,backlit	<b>Speaker</b> 1 speaker,90dB	<b>Ports</b> 1* Type-C USB OTG supported 6* Pogo pin on the back for charging/wired commucation (Optional)	<b>Battery</b> Removable Lithium battery,7.7V/2630mAh	<b>Power Adapter</b> Input: AC100-240V Output: 5V/2A
<b>Dimensions(L*W*H)</b> 201.4*80*18.5mm	<b>Total Weight</b> 415g minimum (include battery)	<b>Environmental</b> Operating temperature: -10°C~50°C Storage temperature: -20°C~70°C	<b>Cradle</b> Function Cradle,Support 1*USB-C,1*USB-A, 1*Ethernet (Optional), 1*RS232(Optional), WiFi(Optional)	