



MPay Global Payments

PRODUCT  
CATALOGUES

## **MPay Global Payments**

MPay Global payments is a subsidiary of Mobile MPay LLC, it is a leading global pay tech enterprise. We provide all POS, digital, enterprise banking innovation payments technologies to financial institutions and other entities globally by providing digitally payment solutions, self-service equipment, wisdom banking, big data, AI and ML base solutions for seamless payments experience. Mobile MPay was rewarded as the top ten in Forbes' Africa Potential Enterprises. We are also the first POS-tech enterprise, which passed the European Central Bank (ECB) test. Mobile MPay has a Tech Center based in US, on National Financial Security guidelines for Systems Equipment Engineering and Technology Research Center and has more than 20 national and provincial projects that include the "863" plan. MPay gets certified by the ISO9001:2015 quality management system, ISO14001:2015 environmental management system, GB/T28001-2011 occupational health and safety management system certification. The product also passed the C E, F C C, R O H S, C B, C C C, C Q C and many other certifications. MPay participated and qualified for the drafting of GB/16999-2010 Universal Technical Requirements of R M B Banknote Discriminating Device, and draft national technical requirements for standard banknote sorting and bundling machine assigned by the African government.

MPay Global Payments is a holding subsidiary of Mobile MPay LLC, a company working in payments technology, mobile payments architecture, design, solution, and systems. The Company has an industrial chain with the holistic of PCBA, integration, research and development, production, logistics, and service. The company creates payment products and solutions based on research and development as its core. The company's research and development based in the US, have rich design experience that can provide a whole set of payment solutions from Industrial Design (ID), Structural Design (ME), Hardware design (HW), Software design (SW), Testing (TE) to Quality Assurance (QA).

All are base on customer's needs to provide segment-specific or a full set of mainboard (built-in software) design, structure design, modeling design, mainboard and production, complete machine production and other technical services.

Teamwork, innovation, communication and execution is our permanent enterprise spirit. Base on present and look forward to the future, we provide a more distinguished quality, a better managed, a more thoughtful service to build a great future with both regular and new customers.

# L005



Power Commercial



Easy use



Cloud interaction



Industrial aesthetics

## Smart Cloud Terminal

Dual Touch Screen Wide Horizon Innovation and breakthrough

High Integration and scalability

Fingerprint module optional, more safe to financial transactions Built-in

NFC module, more convenient to pay

Built-in ID recognition, thermal printer, paper currency detection



# L005

## Smart Cloud Terminal

Innovation and breakthrough

Flexible expansion

More functional, more abundant configuration



# L005

## Smart Cloud Terminal

Multiple external interface

support scanning gun, cashbox, POS, external printer

Support 3G/4G wireless, WIFI, Bluetooth, Ethernet

Abundant application software

By big data processing, cloud platform to help businesses Invoicing management



# L005

## Product function diagram



# L005

## Smart Cloud Terminal



HD screen CashBox Thermal printer MIS POS



Wi-Fi



Wireless



Android



NFC



ID card Scanning gun voice call



Bluetooth

# L005

## Smart Cloud Terminal

Dual Touch Screen Wide Horizon Innovation and breakthrough

L005  
CONFIGURED

Overall view	Specifications/Appearance
LxWxH(mm)	400x330x280~420(LxWxH1~H2)
Weight(kg)	4.2
WorkingEnvironment	Temperature:0°C~50°C(32°F~122°F) Humidity:10%~90% (non-condense)
StorageEnvironment	Temperature:-20°C~60°C(-4°F~140°F) Humidity:5%~95%(non-condense)
Colour	Black+Silvery

Lamps	Configure
Charger	Red LED
ID cardlamps	Red/Green LED
UV checking lamps	Provide

Other/APP	Configure
Key	Poweron/off
APK	DEMO
OTA	Provide
Language	Chinese /English

Peripherals/Accessories	Configure
Power supply	Input : 100~240VAC/1.5A, 50Hz/60Hz Output : 9VDC/5A
LiBattery	Li Polymer 7.4V/8000mAh
Scanning gun	Optional
Package	One inone
Accessories	User Manual, Warrantycard

Hardware	Specifications
CPU frequency	1.3GHz(4 core)
Operation system	Android 4.4
Bands/Modes	GSM900 / 1800
UMTS/HSDPA/HSUPA	W2100,WAP2.0

Hardware	Specifications
Memory	■ 1GB+8GB □ 2GB+16GB JPG,
Picture modes	PNG, BMP
Audio amplifier	Class D
Video decode	FR, HR, EFR, AMR FR, AMR HR and Wide-Band AMR etc.
Video modes	3gp, MPEG4 etc.
SIM/UIM card	One standard socket
PSAM card	One standard socket
TF card	One standard socket, Maximum 32GB
Main Display	10.1" IPS(Pixel 1280x800)
SecondDisplay	13.3" IPS(Pixel 1920x1080)
Touch Screen	Main Display CTP Second Display □ CTP ■ Non
Camera	Main camera □ 5MP_AF □ 2MP_AF ■ Non Second camera ■ 5MP_AF □ 2MP_AF □ Non
Loudspeaker	Φ40mm-BOXx2
Micphone	Provide
I/OPorts	Power jackx1,9VDC/5A RJ11x2(6P6C, Cashbox & External printer) USB_OTGx2 RJ11x2(4P4C, MIS-POS & Scan) RJ45x1(8P8C, Ethernetport)
WiFi	802.11b/g/a
Bluetooth	Bluetooth4.0
Antenna	Built-in
NFC	Optional, ISO14443 Standard TypeA & TypeB High
Printer	speed thermal printer, Easy-load style Paper width: 58 +0/-1mm Paper roll outside diameter: 80mm
ID card reader	Optional
Fingerscan USB	Optional
Debug port	Mini 5pin(must use original factory cable)

# 1608



Friendly



convenient



Economical



Reasonable

## Dual Screen Smart Cloud Terminal

Support N F C contactless card, high speed thermal printer

Support Q R code payment

Android system with multiple application

Support USB, Cash box, Ethernet port, rich functions



H608

**Dual Screen  
Smart Cloud Terminal**



# H608

## Dual Screen Smart Cloud Terminal

Desktop or handheld operation is optional

Support 3G/4G WIFI Bluetooth wireless communication



# H608

## Product function diagram



## One-stop solution for invoicing

Marketing management, financial settlement and other Invoicing data collection center.

Relying on background big data processing and cloud services. Help

businesses to make decisions.

# H608



CashBox Thermal printer MIS POS

Wi-Fi

USB port

NFC

Camera Fast scanning MIC

SIM Card PSAM Card TF Card Ethernet port

# H608

## Dual Screen Smart Cloud Terminal

H608  
CONFIGURED

Overall view	Specifications/Appearance
LxWxH(mm)	270x85x55(LxWxH)
Weight(g)	400
WorkingEnvironment	Temperature:0°C~50°C(32°F~122°F) Humidity:10%~90% (non-condense)
StorageEnvironment	Temperature:-20°C~60°C(-4°F~140°F) Humidity:5%~95%(non-condense) Black,
Colour	White

Lamps	Configure
Charger	Red LED Blue、Yellow、
NFC Lamps	Green、 Red White LED
Fill-in light	Red LED
Aimingbeam	

Other/APP	Configure
Key	Andriod system functionkey
Profilekey	Power on/off
APK	DEMO
Language	Chinese /English

Peripherals/Accessories	Configure
Power supply	Input: 100~240VAC/0.5A, 50Hz/60Hz Output: 9VDC/3A
LiBattery	Li Polymer 1500mAhx2 7.4V Non
Data Cable	Non Carton
External memorycard	box
Package Accessory	User Manual、 Warranty card

Hardware	Specifications
CPU frequency	1.3GHz(4 core)
Operation system	Android 4.4
Bands /Modes	GSM900 / 1800
UMTS / HSDPA / HSUPA	W2100, WAP2.0
Memory	1GB+8GB
Picture modes	JPG, PNG, BMP
Audio amplifier	Class D
	FR, HR, EFR, AMR FR,, AMR HR 和 Wide-Band AMR
Video decode	3GP, MPEG4
Video modes	One standard socket, Maximum 32GB
Externalmemory	One standardsocket
SIM/UIIM card	Two standardsocket
PSAM card Main	6.0" TFT, HD (Pixel 1280*720)
DisplaySecond	3.5" TFT, Q V GA (Pixel 240*320)
Display Touch	Main DisplayCTP
	2MP_AF
Screen	2D scan
Camera	Support
Loudspeaker	Support
Micphone	Power jack *1, 9VDC/3A
I/O Ports	RJ11*1 (4P4C,Cashbox)
	USB_OTG*1
	RJ11*1 (6P4C, UART) RJ45*1 (8P8C, EthernetPort)
	802.11b/g/a
	Bluetooth3.0(EDR)
WiFi	Built-in
Bluetooth	ISO14443 TypeA & TypeB
Antenna	High speed thermal printer. Easy-load style Paper width: 58 +0/-1mm
NFC	
Printer	Paper roll outside diameter: 30mm

# 80S



Compact and portable



Fast scan



Android



Wireless

## Handheld Mobile Scanning Data Terminal

Logistics warehousing   Inventory entry   Scan code payment



Android system smart data terminal

Scan the codes with one button and record the info easily

Wireless connect with backstage and send the real-time data

Support bar code, Q R code payment and cards management Suitable

for logistic distribution, storage management, commodities info management



A woman with long brown hair, wearing a white and brown patterned vest over a light blue long-sleeved shirt and blue jeans, is kneeling in a supermarket aisle. She is holding a jar of jam in her left hand and a black handheld mobile scanning device in her right hand. The device has a screen displaying a colorful interface with various icons and a red laser scanner at the bottom. The background shows shelves stocked with various products, including jars and boxes, and a shopping cart is visible behind her.

80S

## Handheld Mobile Scanning Data Terminal

Design for scanning code application scenarios

Rich application software, simplified data management,

Easy to build supermarket, storage, medical, security and other occasions of data collection and inspection=

80S

## Handheld Mobile Scanning Data Terminal

Suitable for storage, logistics and other fast scan yards Greatly

improve the efficiency of daily goods management Wireless data

and

intelligence platform solved by computer



# 80S

## Product function diagram



# Handheld Mobile Scanning Data Terminal

Scanning code payment,data collection,

Using for a variety of industries,high efficiency work,

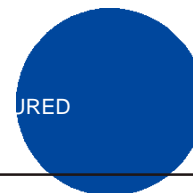
Wireless communication,data exchange by big data processing

# 80S



# 80S

## Handheld Mobile Scanning Data Terminal Logistics warehousing Inventory entry scanning code payment



M80S 4G, M80C 3G	Environmental protection
WorkingEnvironment	temperature: -20°C~50°C
StorageEnvironment	temperature: -30°C~70°C
Humidity	10%~90%(non-condense)
DroppingTest Tumbling	Drop from 1.5m high to concrete
barrel test Environment	floor 1200 times×0.5m
Seal Electrostatic	IP65/IP67
Protection	±8kV contact, ±15kVair
Vibrationtest	MIL-STD 810G, 2Gs Peak, 5Hz to 2kHz, last one hour for each axis 0.04g-2/Hz, 20Hz to 2kHz, last one hour for each axis

M80S 4G, M80C 3G	Specification
Size(mm)	143.9×75.5×18.5 (L×W×H)
Weight(g)	265
Display	4.5inch, FWVGA, 480nit backlight; Visible in the sunlight GFF,
TP	5 point touch; Hardness>7H
Rear camera	13Mp withAF
Voice and Audio	Speaker, dual denoised speaker, Receiver; 3.5mm earphone jack, support BT wirelessearphone USB
Communicationport	2.0
Charging port	USB, fast chargingport
Battery	4100mah, 3.8VLi-poly

M80C 3G	Performance&Parameter
CPU	1.3Ghz(4 core)
Memory	1G+8G(2G+16G optional)
OS	Android 7.0
ExternalMemory	32GB micro SD, single SIM card
Sensor	Light sensor 、 P-sensor Accelerometer、 Hall、 E-compass
Indication light	R/G/B three color LED
Scan engine	1D/2D smart imagerecognition
Charging time	<4.5 hours (USBport) <3 hours (fast chargingcradle) 16
WorkingPorts	hours - WIFI mode (Scan every 9s, support real time datatransfer)

M80S 4G	Performance&Parameter
CPU	1.3Ghz(4 core)
Memory	1G+8G(2G+16G optional)
OS	Android 6.0
ExternalMemory	32GB micro SD, single SIM card
Sensor	Light sensor、 P-sensor Accelerometer、 Hall、 E-compass
Indication light	R/G/B three color LED
Scan engine	1D/2D smart imagerecognition
Chargingtime	<4.5 hours (USBport) <3 hours (fast chargingcradle) 14
WorkingPorts	hours - WIFI mode (Scan every 9s, support real time datatransfer)

M80C 3G	RF Parameter
Bluetooth	Bluetooth Class 4.1 BLE+EDR
WLAN	IEEE 802.11 a/b/g/n radio (supportroaming)
GPS	GPS/A- GPS
Frequency	GSM 850/900/1800/1900Mhz WCDMA 850/900/1900/2100Mhz
VOIP	Support
NFC	ISO14443 Type A& Type B, ISO15693, ISO18000-3 Support reading the second generation ID card

M80S 4G	RF Parameter
Bluetooth	Bluetooth Class 4.1 BLE+EDR
WLAN	IEEE 802.11 a/b/g/n radio (supportroaming)
GPS	GPS/A- GPS
Frequency	GSM 900/1800 WCDMA Band 1/8 CDMA 1X/EVDO:BC0, FDD LTE Band 1/3/7 TDD LTE Band B38/39/40/41
VOIP	Support
NFC	ISO14443 Type A& Type B, ISO15693, ISO18000-3 Support reading the second generation ID card

# P100



Stripe card



Contact IC card



Contactless IC card



PINPAD

## Multi-function PINPAD

Security encryption E-signature

Support written-electronic signature, anti-peeping shield;

Independent NFC, graceful modeling

Support stripe card,contact IC card,contactless IC card

Optional wired, USB, wireless Bluetooth connection



# P100

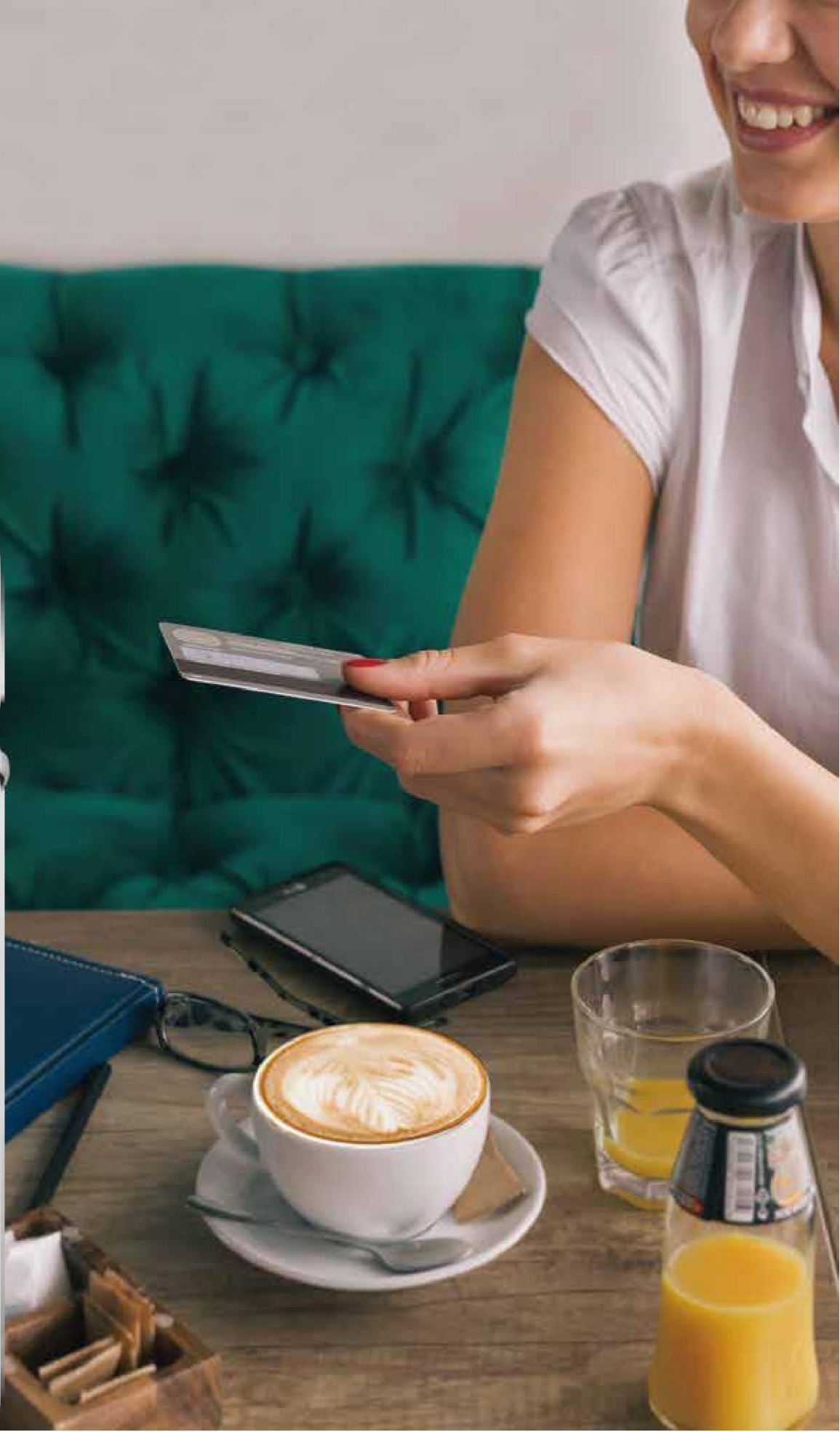
## Multi-function PINPAD

Support MIS system

The bank card payment and Reading function

Wired/wireless, streamline contour

Accord with China MobileMPay /PCI safety design,EMV



# P100

## Multi-function PINPAD

Handwritten electronic signature

Attack data self destruction

Security system design

Support serial port

USB, Bluetooth wireless connection



# P100

## Multi-function PINPAD Security encryption E-signature



Overall view	Specifications/Appearance
L×W×H(mm)	165×875×30(L×W×H)
Weight(g)	260
WorkingEnvironment	Temperature:0°C~50°C(32°F~122°F) Humidity:10%~90% (non-condense)
StorageEnvironment	Temperature:-20°C~60°C(-4°F~140°F) Humidity:5%~95%(non-condense) Silvery
Colour	+Grey, Grey

Lamps	Configure
Charger	Red、Green LED Blue、Yellow、
NFC Lamps	Green、Red LED

Other/APP	Configure
APK	N/A
Fonts	GB class 2, GB18030
Language	Chinese / English

Peripherals/Accessories	Configure
Power supply	Input : 100~240VAC, 50Hz/60Hz Output : 5VDC, 1.0A
Li Battery	2200mAh Lipolymer (wireless mode) Micro
Data Cable	USB
SignaturePen Peep	Provide
proofcover	Removable
Package	Cartonbox
Accessory	User Manual、Warranty card

Hardware	Specifications
Main CPU	ARM Cortex-M4, 120MHz
Operation system	VOS
Memory	SRAM : in Chip 128KB FLASH : in Chip 1MB+OutChip 16MB
Display	2.4" TFT, Pixel 320*240
Touch Screen	4-Lines RTP
Keypad	19, including 1 poweron/off (BT BLE)
Magnetic Reader	Horizontal 3 track (1/2/3) Two-way, ISO7811
IC CardReader	3, ISO 7816, 1.8V/3V/5V, Sync/Async E MV L1&L2, PBOC L1&L2
Contactless card Reader	Mifare one、ISO14443 Type A & Type B QPBOC L1&L2
PSAM Slot	2, ISO7816
Communication	Bluetooth BLE Cable with UART orUSB (BT BLE no)
Beep	1 Beep
Safety	3DES, Master/Session andDUKPT PCI PTS online & offline 4.x , Micro
I/OPorts	USB Device 1, Cable with UART or USB (wired mode)

# L710



I wireless



Android



MobileMPay standard



Support strip card contact/contactless IC card

## Handheld Smart Android POS

Full screen touch

Built-in safety management system, android 4 G smart P O S

Support magnetic strip card, contact/contactless IC card, fingerprint

More fast and convenient to type, big capacity battery, compact size Safety

design according to PCI, Mobile MPay and vocational certification





L710

## Handheld Smart Android POS

Suitable for cash payment, logistics, express, membership card management Graceful modeling, Streamline design, Configuration module rich Configure security, intelligent dual systems and 4 G

Support bank cards and Q R code payment, PINPAD

# L710

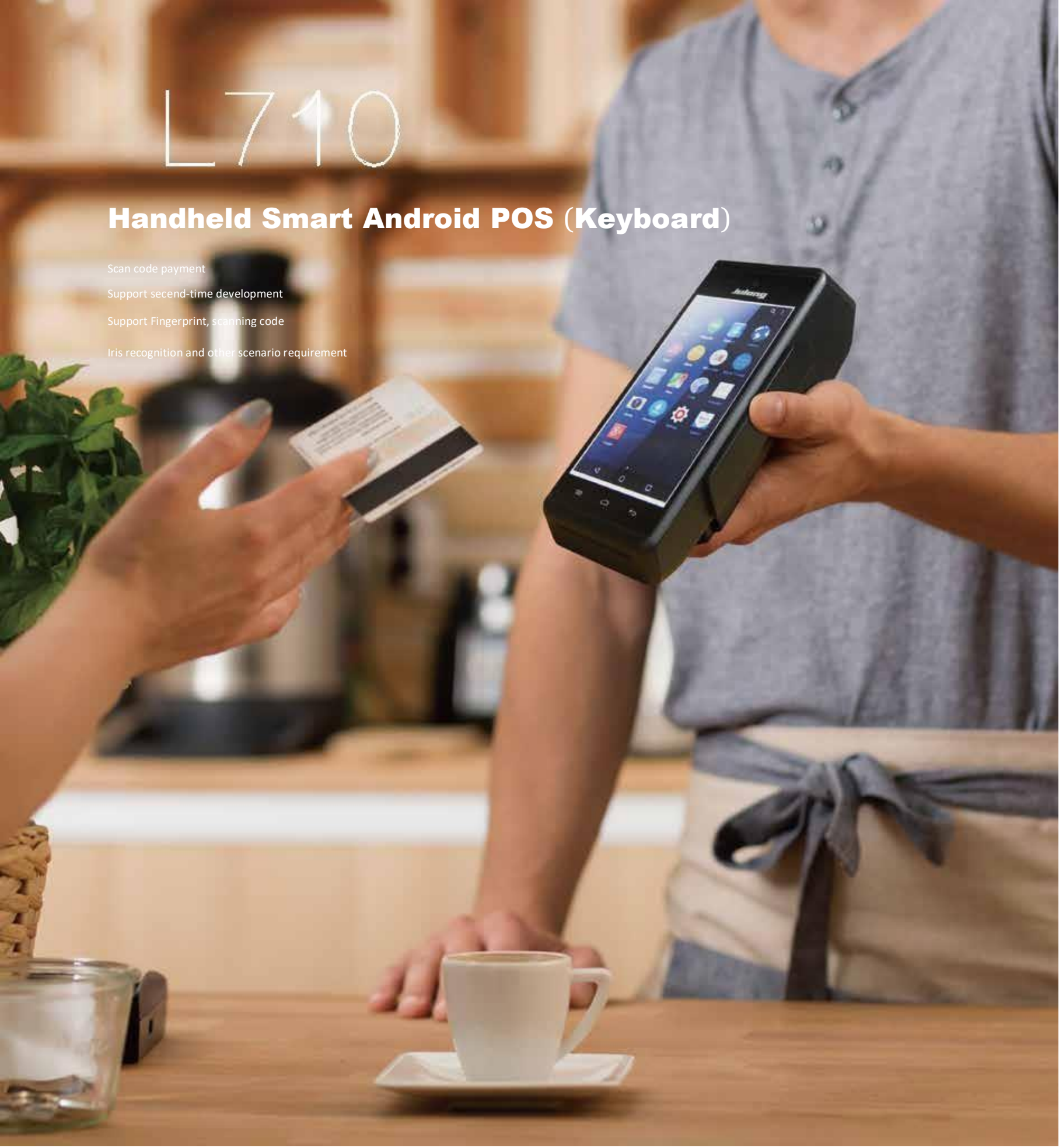
## Handheld Smart Android POS (Keyboard)

Scan code payment

Support second-time development

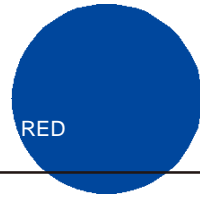
Support Fingerprint, scanning code

Iris recognition and other scenario requirement



# L710

## Handheld Smart Android POS Support bank card payment, data collection, membership card Logistics management and other solutions



Overall view	Specifications/Appearance
LxWxH(mm)	175x76x51(LxWxH)
Weight(g)	450
WorkingEnvironment	Temperature:0°C~50°C(32°F~122°F) Humidity:10%~90% (non-condense)
StorageEnvironment	Temperature:-20°C~60°C(-4°F~140°F) Humidity:5%~95%(non-condense) Silvery
Colour	+Grey, Grey

Lamps	Configure
Charger	Red、Green LED Blue、Yellow、
NFC Lamp	Green、Red LED

Other/APP	Configure
Key	N/A
Language	Chinese /English

Peripherals/Accessories	Configure
Power supply	Input : 100~240VAC, 50Hz/60Hz Output : 5VDC, 2.0A
LiBattery	4500mAh Li polymer
Hand strap	Provide
Data Cable	Micro USB
Package	Cartonbox
Accessory	User Manual, Warrantycard

Hardware	Specifications
CPU	ARM, 120MHz ; 1.3GHz, 4 core
Operation system	Android 5.1/6.0, safety system
Memory	1G+8G/2G+16G
Display	5.5" TFT, pixel 1280x720

Hardware	Specifications
Touch Screen	CTP, support electronic signature
Keypad	Android system function key in
MagneticReader	CTP Horizontal 3 track (1/2/3) Two-way, ISO7811
IC CardReader	1, ISO 7816, 1.8V/3V/5V, Sync/Async E MV L1&L2, PBOC L1&L2
Contactless card Reader	Mifare one、ISO14443 Type A & Type B QPCBC L1&L2
PSAM Slot	3, Standard socket, ISO7816
SIM/UIM Card	One standardsocket
TF Card	One standard socket, maximum 64GB
Fingerprint	Capacitor Fingerprint
GPS	Provide
Camera/Scanner	2, Back 2MP /5MP, Front5MP/8MP+AF Support 1D/2D SCAN
IrisRecognition	Provide
Printer	High speed thermal printer, Easy-load style Paper width : 58+0/-1mm Paper roll outside diameter: 30mm
Communication	WIFI 2.4GHz Bluetooth 4.1+BLE 4G LTE, 3G、2G
Microphone	Built-in
Loudspeaker	Built-in
BackupBattery	Built-in
Safety	3DES, Master/Session andDUKPT PCI PTS online & offline 4.x MobileMPay
I/OPorts	1 Micro USB OTG 1 PowerJack 1 UART

# L710K



I wireless



Android



MobileMPay standard



Support strip card contact/contactless IC card

## Handheld Smart Android POS

Keyboard version

Built-in safety management system, android 4 G smart P O S

Support magnetic strip card, contact/contactless IC card, fingerprint

More fast and convenient to type, big capacity battery, compact size Safety

design according to PCI, Mobile M Pay and vocational certification





# L710K

## Handheld Smart Android POS (Keyboard)

Suitable for cash payment, logistics, express, membership card management Graceful

modeling, Streamline design, configuration module rich Configure

security, intelligent dual systems and 4 G

Support bank cards and Q R code payment, PINPAD

# L710K

## Handheld Smart Android POS (Keyboard)

Scan code payment

Support second-time development

Support Fingerprint, scanning code

Iris recognition and other scenario requirement

Fingerprint payment  
Iris Recognition

# L710K

**Handheld Smart Android POS (Keyboard)**  
**Support bank card payment, data collection, membership card,**  
**Logistics management and other solutions**



URED

Overall view	Specifications/Appearance
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LxWxH(mm)	175x76x51(LxWxH)
Weight(g)	450
WorkingEnvironment	Temperature:0°C~50°C(32°F~122°F) Humidity:10%~90% (non-condense)
StorageEnvironment	Temperature:-20°C~60°C(-4°F~140°F) Humidity:5%~95%(non-condense) Silvery
Colour	+Grey, Grey]0

Lamps	Configure
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Charger	Red、Green LED Blue、Yellow、
NFC Lamp	Green、Red LED

Other/APP	Configure
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Key	N/A
Language	Chinese/English

Peripherals/Accessories	Configure
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Power supply	Input : 100~240VAC, 50Hz/60Hz Output : 5VDC, 2.0A
LiBattery	4500mAh Lipolymer
Hand strap	Provide
Data Cable	Micro USB
Package	Carton box
Accessory	User Manual, Warrantycard

Hardware	Specifications
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CPU	ARM, 120MHz ; 1.3GHz, 4 core
Operation system	Android 5.1/6.0, Safety system
Memory	1G+8G/2G+16G
Display	4.5" TFT, Pixel854x480

Hardware	Specifications
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Touch Screen	CTP, Support Electronic Signature 15,
Keypad	10number key, 5 function Android system function key in CTP Horizontal 3 track (1/2/3)
Magnetic Reader	Two-way, ISO7811
IC CardReader	1, ISO 7816, 1.8V/3V/5V, Sync/Async E MV L1&L2, PBOC L1&L2
Contactless card Reader	Mifare one、ISO14443 Type A & Type B QPCBC L1&L2
PSAM Slot	3, Standard socket, ISO7816
SIM/UIM Card	One standardsocket
TF Card	One standard socket, maximum 64GB
Fingerprint	Capacitor Fingerprint
GPS	Provide
Camera/Scanner	2, Back 2MP /5MP, Front5MP/8MP+AF Support 1D/2D SCAN
IrisRecognition	Provide
Printer	High speed thermal printer, Easy-load style Paper width : 58+0/-1mm Paper roll outside diameter: 30mm
Communication	WIFI 2.4GHz Bluetooth 4.1+BLE 4G LTE, 3G、2G
Microphone	Built-in
Loudspeaker	Built-in
BackupBattery	Built-in
Safety	3DES, Master/Session andDUKPT PCI PTS online & offline 4.x
I/OPorts	Mobile MPay 1 Micro USB OTG 1 PowerJack 1 UART



**REGISTERED OFFICE:**

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**DEVELOPMENT CENTER:**

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