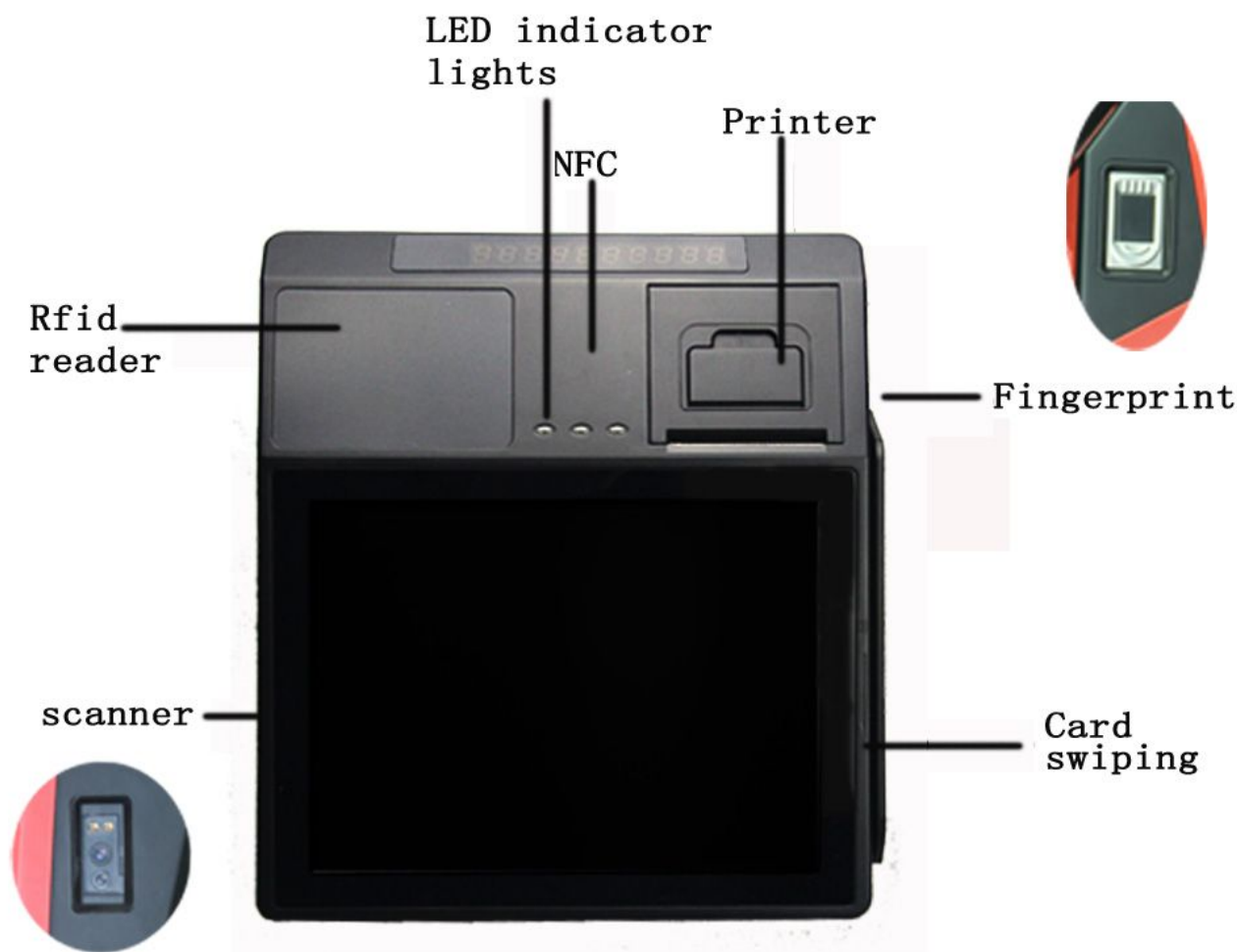


ST-810B Android Bar Code POS Terminal

ST-810B android touch screen POS terminal is a new professional POS terminal for e-payment, 2D bar code payment, third party payment and ID card identification etc. It combined with Multi-function of GPRS/3G/4G, WIFI,Bluetooth, Ethernet, USB, RS232, magnetic card reader, NFC(RFID), ID card reader, finger print, camera and thermal printer etc, support Union pay card payment.

The various and rich peripherals and high performance hardware make sure to offer more efficient, stable and safer complete solution for many fields. It is widely used for restaurants, telecom communication, stores , banks, transportation, hotels etc.

Reamrk :Optional function :QR code Scan ,RFID,NFC and IC card ,ID Carder ,Fingerprinter , camera,if client don't need it .It will be remove .



Product advantages

(1)Leading processor

High-performance 64-bit ARM Cortex-A53, quad-core, frequency up to 1.5GHz, memory 1GB
Android5.1 system

(2)Secure transaction terminal

Can Satisfy Bank Magnetic Strip card ,IC card, NFC and other electronic payment functions, optional PSAM card, second-generation ID card identification and fingerprint identification module.

(3)Powerful function

9.7-inch high-definition capacitive touch screen, large storage capacity, Built in thermal printing, camera suit variety of industry needs.

(4) A variety of communication methods to support Ethernet, 4G FDD-LTE, TD-LTE, WCDMA / CDMA2000, GPRS, WiFi, Bluetooth, RS232, USB and other means of communication

(5)Multi-external interface

Support Payment to meet the CUP standard password keyboard, as well as HDMI, audio and other interfaces.

(6)Flexible configuration

Can OEM for customer request needs dual-core, quad-core processors, functional modules can be optional can satisfy individual needs.

Product Specifications

Model	ST810B
Basic parameters	
CPU	64- Bit ARM Cortex-A53 quad core 1.5GHz
RAM	1GB DDR3(can extend to 3G,need customization)
Flash	8GB Flash
Screen display	9.7-inch 1024 * 768 IPS full-angle, bright screen, the maximum support 1080 * 1920 (vertical screen)
OS	Android5.1, Android 6.0 support multi language
Input Power	12V-5A
Operating temperature	-30-70 centigrade degree
Functions	
4G	FDD-LTE,TD-LTE
3G	Support CDMA2000 or WCDMA communication
2G	GSM/GPRS/EDGE Communication
GPS	Support GPS and A-GPS high-precision positioning
WiFi	Support IEEE80211b/g/n
Bluetooth	Support for Bluetooth 4.0 + EDR, up to 4.0LE
NFC(optional)	Support ISO14443A/B, ISO15693, ISO118000-3,NFC Forum Type1-4Tag,Kovio,Mifare,ISO18092,Quick pass, Point-to-point
RFID(optional)	13.56MHz , Support ISO1443A/B , ISO15693
UHF(optional)	900M ,support ISO 18000-63
IC card reader(Optional)	Support ISO7816,SLE4432/4442,SLE4418/4428,ISSI24C01A/16,ISO7816-(1-4)(T=1 , T=0), AT24C01A/24C02/24C04/24C08/24C16/AT24C64
PSAM card	2 Conform "China's financial integrated circuit (IC card) PSAM card specification" ISO7816 support encryption
Magnetic card reader(Optional)	Support Read Track 1 2&3
Bar code(optional)	Support 1D and 2D
Camera(Optional)	8 million pixels (up to 13 million pixels) autofocus camera, camera, monitor, support take photo of ID card and record it
Finger Printer(Optional)	Biometric fingerprint module,
ID card reader(Optional)	Support ISO7816,and SLE4432/4442 , SLE4418/4428 , ISSI24C01A/16,ISO7816-(1-4) (T=1, T=0) , AT24C01A/24C02/24C04/24C08/24C16/AT24C64 ect protocol
Thermal printer	Built in 58mm thermal printer
Interface function	
Battery	Built-in 4400mAh rechargeable lithium battery
Microphone	Built-in

Buzzer	2* 2W loudspeaker on each side
TF card slot	1*TF slot, 32GB Max
HDMI	1*HDMI
Network interface	1* RJ45cable network interface Other routers also support
USB port	host 2.0, 2*USB, 1*OTG Port ,connect keyboard, mouse, printer etc.
Headset	3.5mm standard headset
SIM card slot	1*SIM
Serial port	RJ11connect CUP keyboard, RJ11connect cash box (12V), RS232 serial port peripherals
	1 *232 serial port (can be an external scanning gun, a variety of sensors, kitchen printer)
	1* RJ11 port (can be an external CUP password keyboard)
External device	Usb keyboard ,usb mouse

Industry Applications

- 1) card applications University / large enterprises canteens, shops member card , top-up payment, query, consumption
- 2) e-ticket cinema, karaoke, concerts, stadiums
- 3) Financial payment
- Bank card payment, IC card payment, QR code payment, WeChat payment, NFC payment
- 4) Supermarkets cashier management retailers, chain stores, cosmetics stores, books and video stores, jewelry toy store
- 5) Queue number retrieval
- Bank , hospital , electricity payment and convenience service hall

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