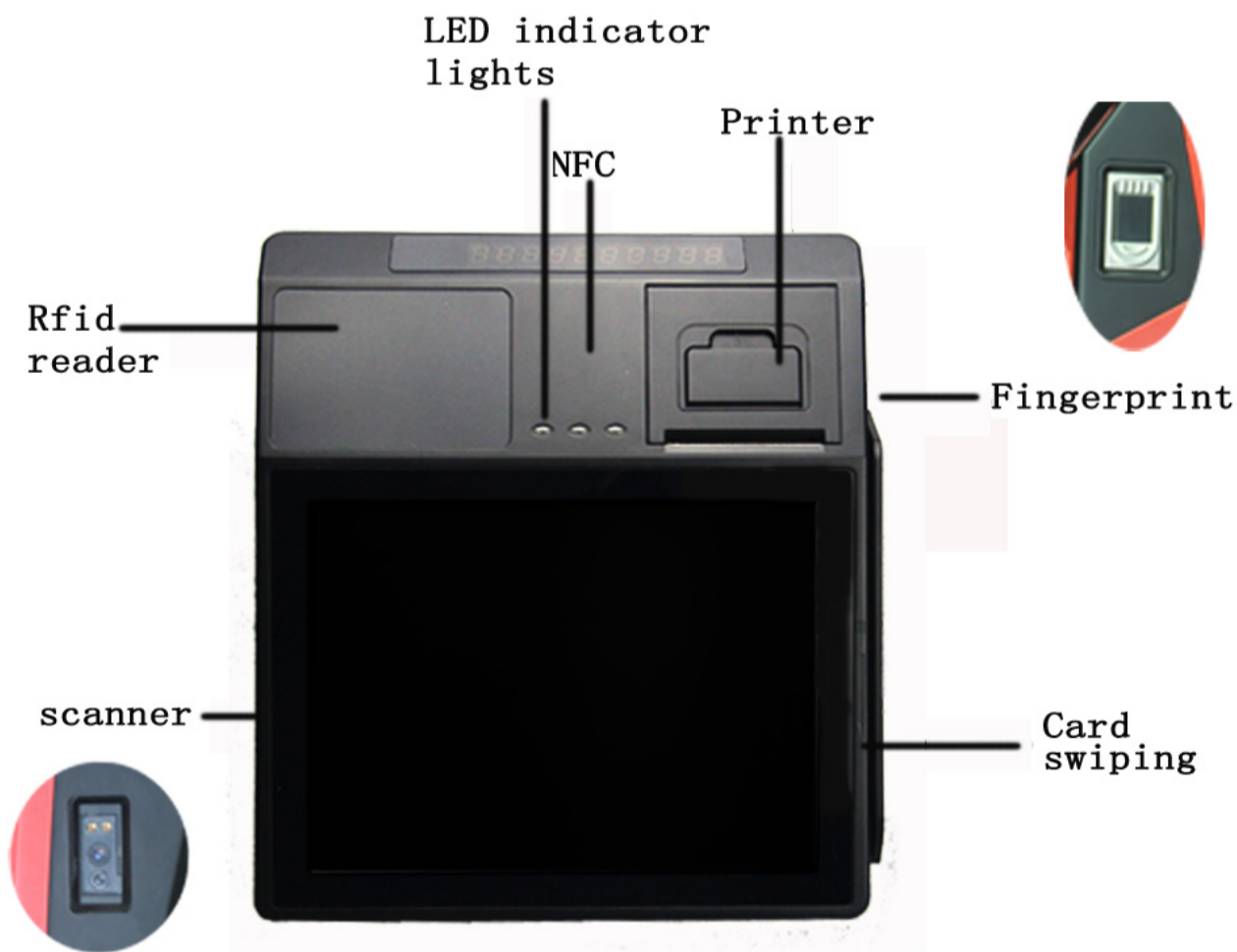


ST-810B Android Bar Code POS Terminal

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 ,3G,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
OS	Android5.1, support multi language
RAM	1GB DDR3
Flash	8GB Flash
Screen display	9.7-inch 1024 * 768 IPS full-angle, bright screen, the maximumsupport 1080 * 1920 (vertical screen)
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
RFID/NFC	Support ISO1443A / B, ISO15693 agreement, point to point communication
Scanner	Support Bar-Code Scan and QR code scan
Magentic reader	Support Read Track 1 2&3
IC card reader	Support ISO7816
FingerPrinter	Living fingerprint module
PSAM card(2)	Conform to with "China's financial integrated circuit (IC card) PSAM card specification" ISO7816 support encryption
Camera	5 million pixels (up to 13 million pixels) autofocus camera, camera, monitor
ID card reader	Support ISO7816,and SLE4432/4442, SLE4418/4428, ISSI 24C01A/16,ISO7816-(1-4) (T=1, T=0), AT24C01A/24C02/24C04/24C08/24C16/AT24C64 ect protocol
Finger printer	Capacitive fingerprint module
RFID	13.56MHZ Frequency Support ISO1443A/B、 ISO15693 protocol
ID card	Second-generation ID card module: the Ministry of Public Security authorized second-generation ID card module for document scanning (machine built-in)
Thermal printer	Built in 58mm thermal printer
Interface function	
Battery	Built-in 4400mAh (10000mAh) rechargeable lithium battery to support power outages to work
network interface	1* RJ45cable network interface Other routers also support
Microphone	Built-in
Buzzer	A 2W loudspeaker on each side
TF card slot	1*TF slot, 32GB Max
HDMI	1*HDMI

USB port	host 2.0, 3*USB, 1*OTG Port ,connect keyboard, mouse, printer etc.
SIM card slot	1*SIM RJ11connect CUP keyboard, RJ11connect money box (12V), RS232 serial port peripherals
	1 *232 serial port (can be an external scanning gun, a variety of sensors, kitchen printer)
Serial port	1* RJ11 port (can be an external CUP password keyboard)

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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