



Y2000B is a mobile smart financial POS terminal with biometric capability, powerful functions, and large full touch screen. It has Android 5.1 operating system and Qualcomm MSM8916 quad-core processor and can integrate various payments, printers, and mobile functions all in one. It supports magnetic stripe card, IC card, contactless card, soundwave, QR code and other payment modes, combined with the functions of traditional POS and smart commercial PDA, which can meet most demands of business payment environment. Double battery design, main battery is 2000 mAh, back up battery is 150 mAh, providing full-day support for the users.

Intelligent platform, strong performance

Android 4.4/5.1 OS;
Qualcomm MSM8212 quad-core 1.2GHz processor.

Safety design, reliable

Passed UnionPay PBOC L1 & L2,
EMV L1 & L2, PCI PTSP
Passed PIN input safety certification

A variety of payment modes

Supports magnetic stripe card, IC card
and contactless card; SoundWave & QR payment mode

Comfortable to use

Fashion design, with a sense of
science and technology. Ergonomic design, suitable
for handhold or desk operating

Physical Parameters	
Dimensions	200m (H) ×80mm (W) × 56mm/25mm (D)
Weight	400g (battery included)
Operating Temp	-20°C ~ 60°
Storage Temp	-40°C ~ 80°
Relative Humidity	10%~90% (no condensation)
Drop Test	Passed 1 meter falling test
Roller Test	Tumbles 500 times
EDS Protection	±8KV contact discharge; ±15KV air discharge
System Parameters	
CPU / OS	quad-core 1.2GHz / Android 4.4/5.1
RAM/ROM	8GB eMMC/1GB DDR2, supports external 32 GB at most
Display	5.5 inches WVGA IPS display, capacitive touch screen
Keypad	one power physical button, three Touch System Keys (Menu, Back, Home)
Battery	7.4V, 2000mAh
Functional Configuration	
Printer / Camera	Built-in 2 inches line thermal printer; 48mm print width / 5M AF Rear Camera
Indicator Light /Audio	POS indicator light / Built-in speaker, microphone, vibrator
MagStrip Card	Support1/2/3 mag track,bi-directional swiping,accord w/ ISO7811, 7812 standard
IC Card	1 user slot, support 1.8V/3V/5V card,accord with ISO7816, PBOC & EMVstandard
Contactless card	13.56MHz, ISO/IEC 14443 Type A/B, accord with QPBOC standard
SAM Card	1 PSAM slot, accord with ISO7816 standard
PINPAD	Password keyword inside(ext interface reserved); Supports Soundwave Payment
Fingerprint	Dermalog LF1 optical fingerprint sensor/Crossmatch TCS1CT
Navigation / Sensor	GPS, support AGPS / Gravity Sensor
Network Parameters	
Network Type	LTE/WCDMA/GSM/CDMA
Network Spectrum	TDD-LTE Band38/Band39/Band40/Band41, FDD-LTE Band1/Band3/Band7 GSM 850/900/1800/1900 , WCDMA Band1/Band2/Band5/Band8 TD-SCDMA Band34/Band39 , CDMA 800
WLAN	802.11b/g/n inner Antenna; standard of security WEP, WPA, WPA-PSK, WPA-v2.0
Voice/Data; WPAN	Supported ; Bluetooth V4.0 + EDR
External Interface	
USB/Chrgr/Pwr/Comm	Micro USB2.0 / DC JACK / Pogo Pin, 9.5V--1A / USB, RS232
Development Environment	
Sys/Dev/ Mgmt Env	Android 4.4 / 5.1 SP-UI SP-SDK SP-PC management suite/MDM



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