Payment Terminal

All-in-one portable payment device

Simage
TECHNOLOGIES

The PCI and EMV adapted Simage Payment Terminal is one of the smallest all-in-one wireless handheld portable, battery-powered payment device. It uses the latest wireless technologies—WiFi, CDMA, and GPRS

With exceptional performance and high-end functionality, the payment terminal opens profitable new market opportunities using GPRS, CDMA or WiFi communications. It's perfect for accepting payment in places such as restaurants, bars, stadiums, and delivery operations.

CPU	32-bit,MIPS high-security performance processor
Memory	8MB FLASH , 16MB optional; 8MB SDRAM
Display	Higher resolution, 160 x 96 pixel graphical LCD with backlighting
Keyboard	Backlit keyboard, 20 keys, including 11 number keys('0'-'9', '.'),1 power key, 1 enter key, 1cancel key, 1backspace key, 1 ALPHA key, 1 soft function key, 1menu key, 2 direction keys.
Magnetic Card	Track 1/2/3, vertical-directional, up to ISO7811
SAM Card	Supporting 2 SAM card, up to ISO7816
IC Card	Built-in IC card reader, up to ISO7816, EMV Level 1, 2
RFID card(optional)	Built-in 1 RFID card reader, supporting ISO14443 Type A/Type B, 13.56MHZ (option)
Wireless connector	Optionally supporting GPRS/CDMA/WIFI wireless communication network Standard built-in antenna
Physical connector	1 USB connector (OTG), 1 10/100M self-adapt Ethernet interface, 1 RS232 serial port, audio connector , 1 charger port
Security module	Built-in PINPAD, Adopting dedicated security chip and technique Supporting RSA2048/AES/DES/3DES,X9.8; Support Master/Session and DUKPT key management;
Storage	Support standard SD Memory Card, can support 4GB
Printer	Hi-speed thermal printer; 25 line/second Paper width:58mm; Paper roll outside diameter:40mm
Power	Input: 100-240VAC,50/60HZ Output: 8.4VDC, 1.0A
Development Environment	Open operating system: Linux Program language: GNU C
Battery	Polymer Li-ion battery, 2000mAh, 7.4V , Standby time>60 hours
Working Environment	Temperature: 0℃~50℃(32℉~120℉) R.H.: 5%~90%(non-condense)
Storage Environment	Temperature:-20℃~70℃(-4℉~150℉) R.H.:5%~95% (non-condense)
Dimension	192mm* 88.4mm*52.2mm (L*W*H)
Weight	475g

≫ Key Features:

- PCI PED online and offline adapted , EMV Level 1 and 2 adapted
- High print speed, 25lines/Sec
- 32-bit,MIPS high-security performance processor
- 8MB memory; Built-in external SD card reader
- GSM, GPRS /CDMA /WiFi wireless communication;
- Powerful transceiver to capture weak radio signaling to secure reliable transaction;
- Out-of-paper detection;
- Ergonomic designed key Pad with extra dust and water proof;
- Large capacity battery, Over 60 hours of standby time;
- Optional Leather Casing, Car Jack Charger, ideal for outdoor payment environment; POS holder.
- Supports multi-application
- Remote download for applications and parameters.

≫ Applications:

- Delivery services
- Outdoor markets
- Pay-at-the-table restaurants
- Kiosks
- Stadiums
- Car rental return
- Taxis
- Drive-in restaurants
- Golf courses
- Pharmacies

≫ Optional Accessories:

Built-in WiFi module (no GSM, GPRS or CDMA)
Built-in contactless card reader module(ISO/IEC14443 TypeA/B)
SD card
Leather Casing, Car Jack Charger, POS holder

Simage
TECHNOLOGIES

www.simagetechnologies.com
info@simagetechnologies.com

Specifications and information subject to change without notice 05/11
Paper from sustainable forestry