

KS 8223

Smart POS Terminal



Full Touch Operation

Multiple Net Access

Complete Solution

Precise Positioning

System Security

Introduction

KS8223 is a kind of smart handheld terminal based on Android operating platform, with a large high definition tablet color display, fast thermal printer and WIFI/BLE/Mobile Network. A wide range of applications are supported, supports Omni-channel acquiring business, Wechat, Alipay and other third party payment, multi-application, convenient both for the third party (to make R&D) and containers.

Product Features

- 4 cores high performance security processor
- Android 5.1 operating system
- 5.5 high resolution color touch display
- Native 1D/2D code scanning module for Internet acquiring
- Support 4G all-Net-through
- Support DES & 3DES, 2048 bit RSA. Fixed, M/S, DUKPT key management system
- Large capacity battery and long time standby
- Support multi applications
- Complete hardware attack detecting mechanism and self-destruction when departed

Product parameter

| Item | Specification |
|--------------------------------|---|
| Processor | ARM Cortex A7, 1.1GHz, 4 Core Processor |
| Memory | 1GB DDR3 SDRAM, 8GB EMMC |
| System | Android 5.1 |
| Magnetic card reader | Track 1/2/3, Bi-directional, ISO7810, ISO7811, ISO7813. |
| Smart card reader | Supports 1.8V, 3.3V, 5V card Supports Memory card, CPU card. EMV L1 & L2, PBOC3.0, ISO7816 standard. |
| Contactless card reader | 13.56MHz, 14443 Type A/B, Support Mifare Card and EMV contactless standard |
| SIM card slot | Support 1.8V and 3V |
| Mobile communication | Support GSM, WCDMA, EVDO, TDSCDMA, TDD-LTE, FDD-LTE |
| BT | Support BT4.0 BLE |
| WIFI | Standard: 802.11b/g/n |
| GPS | Support built-in GPS and Beidou, GLONASS, Galileo system, LBS positioning |
| Audio | Support built-in speakers and audio play |
| LED | 4 led meet the Union pay contactless reader standard |
| Display | 5.5" 1280*720 pixel, LCD, backlight control, signal strength, battery status, Support multipoint capacitance touch, and touch operation |
| Printer | High-speed thermal printer; printing speed: 16lines/s, paper width: (57.5±0.5) mm |
| Physical key | 1 ON/OFF key, sound control key |
| Camera | Rear: Flash, Auto-Focus, 5million pixels Front: 2 million pixels, Support common one-dimensional bar code & two-dimensional bar code scanning |
| Port | 1 Micro USB OTG interface, USB 2.0HS standard 1 SIM card slot 2 PSAM card slot 1 Micro SD card slot, Supports up to 32GB |
| Power | Input: 100-240VAC 50Hz; Output: 5V 2A DC; Micro-USB standard charging port |
| Battery | Long lasting lithium battery, 5000mAh, 3.7V |
| Environmental | Working temperature: -10°C~50°C Relative humidity: 10%-90% (non- condensation) Storage temperature: -20°C~80°C |
| Certification | PCI 4.x Contact EMV L1&L2 certification Contactless EMV L1 certification CCC certification Telecommunication equipment network access license Wireless transmitting equipment approval |