

Smart POS Specification



Item	Technical Specification
CPU	ARM Cortex-A7 Quad Core; Main Frequency:1.1GHz
OS	Android 5.X Secure Payment System
Memory	1GB RAM + 8GB FLASH; Optional 2GB RAM + 16GB FLASH
Expansion	Micro SD card, up to 32GB
Display	5.5 inch IPS, Pixel:1280×720
Touch Screen	Capacitive touch screen Support electronic signature
Printer	Integrated thermal printer, printing speed ≥18 line/s Paper roll: 58mm, diameter: 40mm
Magnetic Reader	Track 1/2/3, bi-directional ISO7811 compliant
IC Card Reader	1 IC card reader inside; Support ISO7816, PBOC3.0, EMV 4.3 LEVEL 1&2
SAM Card Reader	2 SAM; Support IOS7816
SIM Card Reader	1 SIM, support 1.8V, 3.0Vcard
Contactless Card Reader	Support ISO/IEC 14443 Type A&B, MiFare cards; Compliant with qPBOC, PAYPASS and PAYWAVE
USB Interface	1 Micro USB OTG, compliant with USB2.0 HS
Communication	LTE-FDD/LTE-TDD WCDMA/TD-SCDMA/EVDO GPRS/GSM Wi-Fi, hot point Bluetooth
GPS	Built-in GPS, supporting A-GPS, GLONASS, Beidou
Camera	500 million pixel, with flashlight and auto-focus
Barcode Reader	1D/2D barcode scanning(Front professional scan code module)
Voice	Support headset or hands-free calls, recording, voice play
Video	1080P Video play 720P Video recording
PIN Pad	Internal PIN Pad Compliant with ANSI X9.8/ISO9564, ANSI X9.9/ISO8731 standards Support Master Key/Session Key, Fixed, DUKPT etc. Support DES, 3DES, RSA, SHA-256 and AES algorithms
State Security Commercial Code	Built-in State Security Commercial Code Chip Support SM2, SM3, SM4 algorithms

Power Adapter	Input: 110V~240V AC/50~60Hz/0.5A Output: 5V DC/1A Micro USB port
Battery	Built-in removable Li-ion battery, 7.4V/2600mAh
Dimension	184mm×84mm×62mm
Environment Parameters	Working Temp.: -10°C~50°C Storage Temp.: -20°C~70°C Relative Humidity: 10%~90% (No-condensing)
Optional Accessories	Stylus Charging Dock (only for charging) Extended Dock (USB , Ethernet supported)
Certifications	Security Certificate for POS Accepting CUP Cards PBOC3.0 L1&L2 EMV4.3 L1&L2 qPBOC3.0 L1&L2 UPTS2.0(Smart POS) Telecom Equipment Access to Network License CCC Certificate Radio Transmission Equipment Type Approval Certificate