S900

Mobile Payment Termminals

PAX's S900 in the world's most innovative wireless mobile payment terminal based on a secure and flexible Linux operating platform.

Combining a wide choice of connectivity options along with long-lasting battery performance, the S900 features inbuilt NFC capability to accept mobile and contactless transactions, a large colour touch screen, a 32-bit ARM11 processor and massive amounts of memory via Micro SD for exceptional multimedia performance such as video advertising.

Powered by PAX Prolin, the POS operating system based on Linux, this platform supports rapid development of customized and secure software applications that give new meaning to concept of payment and other value added services

- Contactless, Chip, Magstripe
- Large Colour Touch Screen
- Visa & MasterCard NFC
- High Capacity Battery
- 3G, GPRS, WiFi
- High Speed Printer
- PCI PTS 3.x, SRED
- Linux OS

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FEATURES & BENEFITS

Unprecedented security

- PCI PTS 3.x approved, SRED
- Secure key embedded area
- Supports RSA, AES, 3DES
- Supports HASH function
- Supports DUKPT, MK/SK, FIXED KEY

Exceptional stability and reliability

- 400MHz 32-bit ARM11 processor
- GPRS / 3G (WCDMA) / CDMA (EVDO)
- Built-in contactless reader
- Advanced DDR technology
- Sleek compact design
- High capacity Li-ion rechargeable battery
- Supports e-signature functionality

Open & flexible operating system

- Secure platform
- Easy software application development
- User-friendly interface with powerful GUI
- Multi-tasking OS maintains application integrity
- Plug-and-Play to extend functionality on-site

Multimedia performance

- Loudspeaker
- Large colour touch screen display
- Supports HD images and video

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SPECIFICATIONS

Processor	32-bit ARM11
Memory	192MB standard (128MB Flash, 64MB DDR) Optional Micro SD (TF card) up to 32GB
Display	3.5 inch 240 x 320 pixels color TFT LCD Touch screen
Magnetic Card reader	Track 1/2/3, bi-directional
Contactless Card Reader	MasterCard Contactless & Visa payWave American Express ExpressPay Discover DPAS ISO/IEC 14443 Type A/B, Mifare®, Felica, NFC
Smart Card Reader	EMV L1 & L2
Card Slot	2 SAMs, 1 SIM or 1 SAM, Dual SIM
Keypad	10 numeric / letter keys, 5 function keys Back-lighting
Printer	Fast thermal printer (30 lps) or faster depending on font size Paper roll width / diameter : 58mm / 38mm
Audio	Speaker, 90dB
Battery	Li-ion batteries, 1850 / 2200mAh, 7.4V Transaction Qty: 600
Max Standby	15 Hours
Communication	GPRS / 3G (WCDMA) / CDMA (EVDO) WiFi (optional)
Peripheral Ports	1 x Mini USB 1 x RS232
Bar Code Reader (Optional)	1D/2D barcode scanner
Security	DUKPT, Master/Session, 3DES ANSI/ISO9564 format 0, 1, 3 PIN ciphered key algorithm ANSI X9.9/X9.19 MAC algorithm
Environmental	0°C to 50°C (32°F to 122°F) operating temperature 10% to 93% relative humidity, non-condensing -20°C to 70°C (-4°F to 158°F) storage temperature
Voltage	Input: 100~240VAC, 50Hz/60Hz, 0.3A Output: 9VDC, 1A
Physical	Length: 175mm Width: 82mm Height: 63mm
Weight	458g with battery
Accessories (Optional)	Charging Base
Certifications	PCI PTS 3.x, SRED, EMV Contact L1 & L2 EMV Contactless L1, Visa payWave MasterCard Contactless, AMEX Expresspay Discover D-PAS, JCB J/Speedy, MasterCard TQM

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