



S900 Mobile Payment Terminal

PAX's S900 is the world's most innovative mobile payment terminal powered by a secure Linux operating platform, featuring extended life battery, state of the art colour touch screen and GPRS or 3G connectivity. It is the ideal solution for high-end retail and hospitality.

The S900 offers inbuilt contactless capability, a powerful 32-bit ARM11 processor and massive amounts of memory to enable exceptional processing and multimedia performance.

The operating system supports rapid development of customized and secure software applications that give new meaning to the concept of payment and other value-added services.

S900 Mobile Payment Terminal

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)
- Built-in contactless reader
- Advanced DDR technology
- Sleek compact design
- High capacity Li-ion rechargeable battery
- Supports e-signature functionality

Multimedia Performance

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

Open & Flexible Operating System

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



SPECIFICATIONS

Processor

32-bit ARM11

Memory

192MB standard (128MB Flash, 64MB DDR)
Micro SD (TF card) up to 32GB

Display

3.5 inch 240 x 320 pixels TFT colour LCD
Touch screen

Keypad

10 numeric / letter keys, 8 function keys
Back-lighting

Printer

Fast thermal printer (18 lps)
or faster depending on font size
Paper roll width / diameter: 58mm / 38mm

Card Slots

2 SAMs, 1 SIM
or 1 SAM, Dual SIM

Magnetic Card Reader

Track 1 / 2 / 3, bi-directional

Smart Card Reader

EMV L1 & L2 certified

Contactless Card Reader

MasterCard Contactless & Visa payWave
American Express ExpressPay
Discover DPAS
ISO / IEC 14443 Type A/B,
Mifare®, Felica, NFC

Barcode Reader (optional)

1D / 2D barcode scanner

Audio

Speaker, 90dB

Communication

GPRS
3G (WCDMA / EVDO) (optional)

Peripheral Ports

1 x Mini USB, 1 x RS232
1 x power charge, 1 x base interface

Security

DUKPT, Master / Session, 3DES
ANSI / ISO9564 format 0, 1, 3
PIN ciphered key algorithm
ANSI X 9.9 / X9.19 MAC algorithm

Battery

Li-ion batteries 1850mAh, 7.4V

Accessories (optional)

Charging Base

Environmental

0°C to 50°C (32°F to 122°F) operating temperature
-20°C to 70°C (-4°F to 158°F) storage temperature
10% to 93% relative humidity, non-condensing

Voltage

Input: 100 ~ 240VAC, 50Hz / 60Hz, 0.3A
Output: 9VDC, 1.0A

Physical

Length: 175mm
Width: 82mm
Height: 63mm

Weight

458g with battery

Certifications

PCI PTS 3.x, SRED
EMV L1 & L2
MasterCard Contactless
Visa payWave
American Express ExpressPay
Discover DPAS

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