# S900 Mobile Payment Terminal

- **Contactless, Chip, Magstripe**
- **Large Colour Touch Screen**
- **Visa & MasterCard NFC**
- **High Capacity Battery**
- **3G, GPRS, WiFi**
- **High Speed Printer**
- **PCI PTS 4.x, SRED**
- **Linux OS**

PAX's S900 is the world's most innovative mobile payment terminal powered by a secure operating platform, featuring extended life battery, state of the art colour touch screen and GPRS, WiFi and 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.

*Your Payment Partner of Choice*

# S900 Mobile Payment Terminal

## Features & Benefits



### Unprecedented Security
- PCI PTS 4.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 images

## 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 color TFT LCD
Touch screen

**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 / 40mm

**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

**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) / CDMA (EVDO)
WiFi (optional)
Bluetooth (optional)

**Peripheral Ports**
1 x Mini USB, 1 x RS232

**Security**
DUKPT, Master/Session, 3DES
ANSI/ISO9564 format 0, 1, 3
PIN ciphered key algorithm
ANSI X9.9/X9.19 MAC algorithm

**Satellite Positioning (optional)**
Supports GPS

**Battery**
Li-ion batteries, 2200mAh, 7.4V

**Accessories (optional)**
Charging Base

**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 battary

**Certifications**
PCI PTS 4.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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