



# 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.

[www.paxtechnology.com](http://www.paxtechnology.com)

*Your Payment Partner of Choice*



# \$900 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

### 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

### 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

### 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)

### 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

### 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 battery

### 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