



# S90 Mobile Payment Terminal

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

PAX's S90 mobile POS terminal has been designed to offer superior wireless performance, embedded in a ruggedized yet stylish form factor. With multiple communication options such as single SIM or dual SIM GPRS, CDMA, WiFi and 3G, as well as large memory and high capacity Li-ion rechargeable battery, the S90 is one of the most popular mobile terminals for merchants today.

The S90 comes with inbuilt contactless, PCI PTS 4.x certification and delivers secure transactions using an ARM11 processor to support DUKPT, Master/Session and 3DES.

*Your Payment Partner of Choice*



# S90 Mobile Payment Terminal

## Features & Benefits



- 2.4 inch colour touch screen display
- High speed ARM 11 processor
- Large memory capacity
- Optional built-in contactless
  - MasterCard Contactless & Visa payWave
  - American Express ExpressPay
  - Discover DPAS
  - JCB J/Speedy
- Optional 1D barcode scanner
- USB connectivity
- Large capacity battery
- GPRS, CDMA, 3G, WiFi

## Specifications

### Processor

32-bit ARM11

### Memory

192MB (128MB Flash, 64MB DDR)

### Display

2.4 inch 320 x 240 pixels TFT Colour LCD  
Touch screen

### Keypad

10 numeric / letter keys, 8 function keys  
4 ATM keys, 1 Power ON / OFF key

### Printer

Thermal printer, speed: 30 lines per second  
Paper roll width / diameter: 58mm / 40mm

### Magnetic Card Reader

Track 1 / 2 / 3, bi-directional

### Smart Card Reader

EMV L1 & L2 certified

### Contactless card Reader (optional)

MasterCard Contactless & Visa payWave  
American Express ExpressPay  
Discover DPAS  
JCB J/Speedy  
ISO / IEC 14443 Type A / B,  
Mifare®, Felica, NFC  
4 RF Indicators

### Card Slots

2 SAMs, 1 SIM  
or 1 SAM, Dual SIM

### Barcode Reader (optional)

1D barcode scanner

### Communication

GPRS / CDMA / 3G (WCDMA) / WiFi  
Modem (optional):  
Sync. (HDLC up to 9600bps)  
Async. (V.92, up to 56Kbps)

### Peripheral Ports

1 x RS232, 1x Mini USB (OTG)  
1 x Line (optional), 1 x power charge

### Security

PCI PTS 4x approved  
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  
-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, 1.0A  
Output: 9VDC, 1A

### Battery

Li-ion battery 1800mAh, 7.4V / 2200mAh, 7.2V

### Physical

Length: 197mm  
Width: 87mm  
Height: 61.5mm

### Weight

485g with battery

### Accessories (optional)

Leather Casing  
Battery Charger  
Car Jack Charger

### Certifications

PCI PTS 4x  
EMV L1 & L2  
MasterCard Contactless  
Visa payWave  
American Express ExpressPay  
Discover DPAS  
JCB J/Speedy