

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.

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

