

S90 MOBILE PAYMENT TERMINAL

- 🔒 PCI PTS 3.X approved
- 🔒 GPRS, 3G, Dual-SIM
- 🔒 MasterCard PayPass, Visa payWave



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

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

The ARM11 microprocessor assures faster, reliable transactions anywhere and every time. It offers an unparalleled array of wireless connectivity configurations GPRS / 3G (WCDMA).

S90 MOBILE PAYMENT TERMINAL

SPECIFICATIONS

Processor

32-bit ARM11

Memory

192MB (128MB Flash, 64MB DDR)

Display

128 x 64 pixel LCD,
White backlit

Keypad

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

Printer

Thermal graphic printer, Speed: 18 lps
Standard paper roll: 58mm (2.25 in.)

Magnetic Card Reader

Track 1 / 2 / 3, bi-directional, ISO7812

Smart Card Reader

1 user card, EMV

Contactless card Reader (built-in) (optional)

MasterCard PayPass
Visa payWave
ISO / IEC14443, Type A / B, Mifare® Compliant
Maximum effective distance up to 4cm
4 RF Indicators: Red Yellow, Blue, Green

Bar Code Reader (optional)

1 D bar code scanner

Card Slots

2 SAMs, ISO7816
2 SIMs (optional)

Communication

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

Peripheral Ports

1 x RS232, 1 x Line, 1x mini USB (OTG),
1 x power charge

Security

PCI PTS 3.X approved
DUKPT, Master / Session, DES, 3DES
ANSI / ISO9564 format 0, 1, 3
PIN ciphered key algorithm
ANSI X9.9 / X9.19 MAC algorithm

Battery

Li-ion battery, 1800mAh, 7.4V

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 90% relative humidity, non-condensing

Voltage

Input: 100~240VAC, 50Hz / 60Hz, 1.0A
Output: 9.5VDC, 4A

Physical

Length: 199mm
Width: 87mm
Height: 61.5mm

Weight

504g

Accessories (optional)

Leather Casing, Charging Dock,
Car Jack Charger

Certifications

PCI PTS 3.X
MasterCard PayPass
Visa payWave
EMV (Level1 & Level2)
PBOC
qPBOC

FEATURES

- High speed ARM 11 processor and large memory capacity
- Optional built-in contactless - PayPass, payWave
- Optional 1 D bar code scanner
- USB & 3G connectivity
- Large capacity battery
- Dual SIM functionality



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