

S90 MOBILE PAYMENT TERMINAL

- 🔒 PCI PTS 3.x approved
- 🔒 GPRS, 3G
- 🔒 Contactless / NFC



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 built-in 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.

S90 MOBILE PAYMENT TERMINAL

SPECIFICATIONS

Processor

32-bit ARM11

Memory

192MB (128MB Flash, 64MB DDR)

Display

128 x 64 pixel LCD, White backlight

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)

13.56MHz, ISO14443 Type A/B, Mifare, Felica, NFC
Maximum effective distance up to 4cm
4 RF Indicators: Blue, Yellow, Green, Red

Barcode Reader (optional)

1D barcode scanner

Card Slots

2 SAMs, ISO7816
1 SIM

Communication

Wireless: GPRS or 3G
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 93% 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)

Holder, Charging Dock,
Car Charger

Certifications

PCI PTS 3.x
EMV (Level1 & Level2)

FEATURES

- High speed ARM 11 processor and large memory capacity
- Optional built-in contactless
- Optional 1D barcode scanner
- USB & 3G connectivity
- Large capacity battery



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