S90 Mobile Payment Terminal

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 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.

S90 Mobile Payment Terminal

FEATURES & BENEFITS

- High speed ARM 11 processor
- Large memory capacity
- Optional built-in contactless
  - MasterCard PayPass
  - Visa payWave
- Optional 1D barcode scanner
- USB & 3G connectivity
- Large capacity battery
- GPRS (also dual-SIM), CDMA, 3G

SPECIFICATIONS

Processor
32-bit ARM11

Memory
192MB (128MB Flash, 64MB DDR)

Display
128 x 64 pixel LCD

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

Printer
Thermal printer, speed: 18 lines per second
Paper roll width / diameter: 58mm / 38mm

Magnetic Card Reader
Track 1 / 2 / 3, bi-directional

Smart Card Reader
EMV L1 & L2 certified

Contactless card Reader (optional)
MasterCard PayPass & Visa payWave
13.56MHz, ISO / IEC 14443 Type A / B,
Mifare®, Felica, NFC
4 RF Indicators

Card Slots
2 SAMs
1 SIM

Barcode Reader (optional)
1D barcode scanner

Communication
GPRS / CDMA / 3G (WCDMA)
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 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

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

Battery
Li-ion battery 1800mAh, 7.4V

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

Weight
504g with battery

Accessories (optional)
Leather Casing
Charging Dock
Car Jack Charger

Certifications
PCI PTS 3.x
EMV L1 & L2
MasterCard PayPass
Visa payWave
EMV Contactless L1

PAX
Your Payment Partner of Choice