

United Payments

PAX S900



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S900 Mobile Payment Terminal

- Contactless, Chip, Magstripe
- Large Colour Touch Screen
- Visa & MasterCard NFC
- High Capacity Battery
- 3G, GPRS, WiFi
- High Speed Printer
- PCI PTS 3.x, SRED
- Linux OS

S900 is the world's most innovative mobile payment terminal powered by a secure operating platform, featuring extended life battery, state of the art colour touch screen and GPRS, WiFi and 3G connectivity. It is the ideal solution for high-end retail and hospitality.

The S900 offers inbuilt contact-less capability, a powerful 32-bit ARM11 processor and massive amounts of memory to enable exceptional processing and multimedia performance.

The operating system supports rapid development of customized and secure software applications that give new meaning to the concept of payment and other value-added services.



Features & Benefits



Unprecedented Security

- PCI PTS 3.x approved, SRED
- Secure key embedded area
- Supports RSA, AES, 3DES
- Supports HASH function
- Supports DUKPT, MK/SK, FIXED KEY

Open & Flexible Operating System

- Secure platform
- Easy software application development
- User-friendly interface with powerful GUI
- Multi-tasking OS maintains application integrity
- Plug-and-Play to extend functionality on-site

Exceptional Stability and Reliability

- 400MHz 32-bit ARM11 processor
- GPRS / 3G (WCDMA) / CDMA (EVDO)
- Built-in contactless reader
- Advanced DDR technology
- Sleek compact design
- High capacity Li-ion rechargeable battery
- Supports e-signature functionality

Multimedia Performance

- Loudspeaker
- Large colour touch screen display
- Supports HD images and video

Specifications

Processor

32-bit ARM11

Memory

192MB standard (128MB Flash, 64MB DDR)
Micro SD (TF card) up to 32GB

Display

3.5 inch 240 x 320 pixels color TFT LCD Touch screen

Keypad

10 numeric / letter keys,
5 function keys
Back-lighting

Printer

Fast thermal printer (30 lps)
or faster depending on font size
Paper roll width / diameter : 58mm / 38mm

Card Slots

2 SAMs, 1 SIM
or 1 SAM, Dual SIM

Magnetic Card Reader

Track 1/2/3, bi-directional

Smart Card Reader

EMV L1 & L2

Contactless Card Reader

MasterCard Contactless & Visa payWave
American Express ExpressPay
Discover DPAS
ISO/IEC 14443 Type A/B,
Mifare®, Felica, NFC

Barcode Reader (optional)

1D / 2D barcode scanner

Audio

Speaker, 90dB

Communication

GPRS / 3G (WCDMA) / CDMA (EVDO)
WiFi (optional)

Peripheral Ports

1 x Mini USB
1 x RS232

Security

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

Battery

Li-ion batteries, 1850 / 2200mAh, 7.4V

Accessories (optional)

Charging Base

Environmental

0°C to 50°C (32°F to 122°F) operating temperature
10% to 93% relative humidity, non-condensing
-20°C to 70°C (-4°F to 158°F) storage temperature

Voltage

Input: 100~240VAC, 50Hz/60Hz, 0.3A
Output: 9VDC, 1A

Physical

Length: 175mm
Width: 82mm
Height: 63mm

Weight

458g with battery

Certifications

PCI PTS 3.x, SRED
EMV Contact L1 & L2
EMV Contactless L1
Visa payWave
MasterCard Contactless
AMEX Expresspay
Discover D-PAS
JCB J/Speedy
MasterCard TQM