PAX's 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 contactless 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 4.x approved, SRED
- Secure key embedded area
- Supports RSA, AES, 3DES
- Supports HASH function
- Supports DUKPT, MK/SK, FIXED KEY

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

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

Multimedia Performance
- Loudspeaker
- Large colour touch screen display
- Supports images

Specifications

Processor
32-bit ARM11

Memory
193MB 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 / 40mm

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)
Bluetooth (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

Satellite Positioning (optional)
Supports GPS

Battery
Li-ion batteries, 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 4.x, SRED
EMV Contactless L1 & L2
EMV Contactless L1
Visa payWave
MasterCard Contactless
AMEX Expresspay
Discover D-PAS
JCB J/Speedy
MasterCard TQM

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