S900 Mobile Payment Terminal

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

The S900 offers built-in NFC capability to accept mobile and contactless transactions, a powerful 32-bit ARM11 processor and massive amounts of memory via Micro SD to enable exceptional processing and multimedia performance.

The POS 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.

PAX
Your Payment Partner of Choice

S900 Mobile Payment Terminal

FEATURES & BENEFITS

Unprecedented Security

- PCI PTS 3.x approved, SRED
- Secure embedded area for keys, self-destruct mechanism if attacked
- Supports RSA, AES, 3DES
- Supports HASH function
- Supports DUKPT, MK/SK, FIXED KEY

Exceptional Stability and Reliability

- 400MHz 32-bit ARM11 processor
- Multiple connectivity options: GPRS / 3G
- Built-in contactless / NFC
- Advanced DDR technology
- Sleek compact design with concealed thermal printer
- High capacity Li-ion rechargeable battery
- Supports e-Signature functionality

Multimedia Performance

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

Open & Flexible Operating System

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

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 pixel TFT color LCD
Touch screen

Keypad
10 numeric / letter keys, 8 function keys
Back-lighting

Printer
Fast thermal printer (18 lps)
or faster depending on font size
Paper roll width / diameter: 58mm / 38mm

Card Slots
2 SAMs, 1 SIM

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

Smart Card Reader
EMV L1 & L2 certified

Contactless Card Reader
MasterCard PayPass & 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 / EVDO)

Peripheral Ports
1 x Mini USB , 1 x RS232
1 x power charge, 1 x base interface

Security
DUKPT, Master / Session, 3DES
ANSI / ISO9564 format 0, 1, 3
PIN ciphered key algorithm
ANSI X 9.9 / X9.19 MAC algorithm

Battery
Li-ion batteries 1850mAh, 7.4V

Accessories (optional)
Charging Base

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: 9VDC, 1A

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

Weight
458g with battery

Certifications
PCI PTS 3.x, SRED
EMV L1 & L2
EMV Contactless L1
MasterCard PayPass
Visa payWave
American Express ExpressPay
Discover DPAS

www.pax.us

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