



S800 Countertop Payment Terminal

PAX's S800 is the world's most innovative countertop payment terminal powered by a secure Linux operating platform. This supports rapid development of customized and secure software applications that give new meaning to the concept of payment and value-added services.

The S800 comes in a compact and stylish form factor, equipped with large colour screen, wide choice of connectivity options and built-in contactless capability. The S800 packs a 32-bit ARM11 processor and massive amounts of memory to deliver exceptional performance.

S800 Countertop Payment Terminal

FEATURES & BENEFITS

High Reliability & Exceptional Stability

- Sleek compact design
- Built-in contactless reader
- Fast thermal printer (25 lps)
- Multiple peripheral ports
- Advanced DDR technology
- 400MHz 32-bit ARM11 processor
- GPRS / Ethernet / PSTN / 3G(WCDMA)

Unprecedented Security

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

Open & Flexible Operating System

- Secure & flexible 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

Multimedia Performance

- Loudspeaker
- Large colour 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

2.8 inch 320 x 240 pixels TFT colour LCD

Keypad

10 numeric / letter keys, 9 function keys
Back-lighting

Printer

Thermal printer, speed: 25 lines per second
or faster depending on font size
Paper roll width / diameter: 58mm / 50mm

Card Slots

3 SAMs
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/IEC14443 Type A/B,
Mifare®, Felica, NFC

Audio

Speaker, 90dB

Communication

Modem: Sync. (HDLC up to 9600bps);
Asnyc. (V.92, up to 56Kbps)
Ethernet
GPRS / 3G (WCDMA) (optional)

Peripheral Ports

1 x RS232, 1 x RS232 / Ethernet,
1 x PINPad, 1 x Line, 2 x Mini USB,
1 x power charger

Security

DUKPT, Master / Session, 3DES
ANSI / ISO9564 format 0, 1, 3
PIN ciphered key algorithm
ANSI X 9.9 / 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, 0.3A
Output: 9VDC, 1A

Physical

Length: 203mm
Width: 86mm
Height: 70mm

Weight

454g

Certifications

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

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