



S500 Countertop Payment Terminal

- **Contactless, Chip, Magstripe**
- **Visa & MasterCard NFC**
- **WiFi, 3G, GPRS, LAN, PSTN**
- **Electronic Signature**
- **High speed printer**
- **PCI PTS 4.x, SRED**

PAX's S500 is an advanced countertop payment terminal, featuring a 2.8-inch colour touch screen with e-Signature functionality that offers an interactive user interface designed to improve the user experience by minimizing input errors. The S500 is powered by a 32-bit ARM11 CPU and large memory, offering superior performance for faster transaction processing.

With the latest PCI PTS 4.x approval, the S500 offers the latest and most reliable security protection for both consumer and merchant, including 3DES encryption, DUKPT key management and Master/Session. The ergonomic keypad comes with an integrated privacy shield.

Your Payment Partner of Choice



S500 Countertop Payment Terminal

Features & Benefits



Exceptional Stability and Reliability

- 400MHz 32-bit ARM11 processor
- Modem / Ethernet / GPRS / 3G (WCDMA) / WiFi
- Built-in contactless NFC
- High speed thermal printer
- Supports e-signature functionality

Multimedia Performance

- Large colour touch screen display
- Supports images

Unprecedented Security

- PCI PTS 4.x approved, SRED
- Supports DUKPT, MK/SK, FIXED KEY
- Supports HASH function
- Supports RSA, AES, 3DES

Specifications

Processor

32-bit ARM11

Memory

192MB (128MB Flash, 64MB DDR)

Display

2.8 inch 320 x 240 pixels TFT color LCD
Touch screen

Keypad

10 numeric / letter keys, 8 function keys
1 power ON/OFF key

Printer

Thermal printer, speed: 30lps
Paper roll width / diameter: 58mm / 50mm

Magnetic Card Reader

Track 1/2/3, bi-directional

Smart Card Reader

EMV L1 & L2 certified

Contactless Card Reader

MasterCard Contactless & Visa payWave
ISO/IEC 14443 Type A/B,
Mifare®, Felica, NFC

Card Slots

3 SAMs
or 2 SAMs, 1 SIM (GPRS / 3G / WiFi)

Communication

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

Peripheral Ports

1 x Mini USB, 1 x RS232
1 x Ethernet, 1 x PINpad
1 x Line, 1 x TEL

Security

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
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, 1.0A

Physical

Length: 215mm
Width: 106mm
Height: 71mm

Weight

455g

Certifications

PCI PTS 4.x, SRED
EMV Contact L1 & L2
EMV Contactless L1
Visa payWave
MasterCard Contactless
AMEX Expresspay
Discover D-PAS
JCB J/Speedy
MasterCard TQM