



S500 Countertop Payment Terminal

PAX's S500 is an advanced countertop payment terminal, featuring a 2.8-inch color touch screen with Signature Capture 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.

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FEATURES & BENEFITS

Exceptional Stability and Reliability

- 400MHz 32-bit ARM11 processor
- Modem / Ethernet
- Optional built-in contactless
- High speed thermal printer
- Supports Signature Capture functionality

Unprecedented Security

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

Multimedia Performance

- Large color touch screen display
- Supports HD images and videos



SPECIFICATIONS

Processor

32-bit ARM11

Memory

192 MB (128MB Flash, 64MB DDR)

Display

2.8 inch 320 x 240 pixels TFT colour LCD
Touch screen

Keypad

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

Printer

Thermal graphic printer, speed: 25lps
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 (optional)

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

Card Slots

3 SAMs

Communication

Modem:
Sync. (HDLC, up to 9600bps);
Async. (V.32/V.32bis, up to 56Kbps)
Ethernet

Peripheral Ports

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

Security

DUKPT, Master/Session, 3DES
ANSI/ISO9564 format 0, 1, 3
PIN ciphered key algorithm
ANSI X9.9/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, 50/60Hz, 0.3A
Output: 9VDC, 1.0A

Physical

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

Weight

455g

Certifications

PCI PTS 4.x, SRED
EMV L1 & L2
EMV Contactless L1
MasterCard PayPass
Visa payWave
Discover DPAS

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