



S300 Integrated Retail PINpad

PAX's S300 is the latest integrated retail payment solution for multiline merchants who wish to offer high levels of transactional security combined with contactless, e-Signature, magnetic stripe and Chip & PIN. With state of the art levels of security design, including PCI PTS 3.x and SRED, the S300 protects and encrypts all transaction information. Featuring a large color touch screen and loudspeaker, the S300 comes with a 32-bit ARM11 processor and massive amounts of memory for exceptional multimedia performance.

Providing various ports for extensive functionality, the S300 offers everything merchants could want in a sleek, stylish payment device. PAX's S300 is the world's most innovative PINpad powered by the secure and flexible platform.

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FEATURES & BENEFITS

Stability and reliability

- 400MHz 32-bit ARM11 processor
- Chip & PIN, Magstripe, Contactless
- Advanced DDR technology
- Sleek compact design
- Microsoft WHQL certified, fully compatible with Windows system

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

Multimedia performance

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

Exceptional security

- PCI PTS 3.x, SRED
- Secure embedded area for keys, self-destruct mechanism if attacked
- Supports RSA, AES, DES, 3DES
- Supports HASH function



SPECIFICATIONS

Processor

32-bit ARM11

Memory

192MB (128MB Flash, 64MB DDR)

Display

3.5 inch 240 x 320 pixel TFT colour LCD
Touch screen

Keypad

10 numeric / letter keys, 5 function keys
Back-lighting

Magnetic Card Reader

Track 1 / 2 / 3, bi-directional

Smart Card Reader

EMV L1 & L2 certified

Card Slots

3 SAMs

Contactless Card Reader

13.56MHz, ISO / IEC 14443 Type A/B,
Mifare®, Felica, NFC

Audio

Speaker, 90dB

Communication (optional)

Ethernet

Peripheral Ports

1 x Multi-Single port

Security

DUKPT, Master / Session, DES, 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
-20°C to 70°C (-4°F to 158°F) storage temperature
10% to 93% relative humidity, non-condensing

Voltage (optional)

External power supply
5VDC, 0.9A

Physical

Length: 167mm
Width: 81mm
Height: 50mm

Weight

290g

Accessories(optional)

Multi-function cable

Certifications

PCI PTS 3.x
EMV L1 & L2
EMV Contactless L1