



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.

S300 Integrated Retail PINpad

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 (optional)

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

www.pax.us

THIS DOCUMENT IS PROVIDED TO YOU FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURES AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. PAX are either trademarks or registered trademarks of PAX Technology Limited in China and/or other countries. All other trademarks or brand names are the properties of their respective holders. Copyright 2014, PAX Technology Limited, All Rights Reserved.


PAX
Your Payment Partner of Choice