



# S300 Integrated Retail Smart PINpad

- **Contactless, Chip, Magstripe**
- **Large Color Touch Screen**
- **Visa & MasterCard® NFC**
- **PCI PTS 4.x, SRED**

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 4.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.

*Your Payment Partner of Choice*



# S300 Integrated Retail Smart PINpad

## Features & Benefits



### Stability and Reliability

- 400MHz 32-bit ARM11 processor
- Chip & PIN, Magstripe, Contactless
- Advanced DDR & SDRAM technology
- Sleek compact design

### Exceptional Security

- PCI PTS 4.x approved, SRED
- Secure key embedded area
- Supports RSA, AES, 3DES
- Supports HASH function

### Open & Flexible Operating System

- Secure platform
- Easy software application development
- User-friendly interface with powerful GUI
- Multi-tasking OS maintains application integrity
- Plug-and-Play to extend functionality on-site

### Multimedia Performance

- Loudspeaker
- Large color touch screen display
- Supports images

## Specifications

### Processor

32-bit ARM11

### Memory

192MB (128MB Flash, 64MB DDR)

### Display

3.5 inch 240 x 320 pixels color TFT LCD  
Touch screen

### Keypad

10 numeric keys, 5 function keys  
Back-lighting

### Magnetic Card Reader

Track 1 / 2 / 3, bi-directional

### Smart Card Reader

EMV L1 & L2

### Contactless Card Reader

MasterCard Contactless & Visa payWave  
AMEX Expresspay  
Discover DPAS  
JCB J/Speedy  
Interac Flash  
ISO14443 Type A/B  
Mifare, Felica, NFC

### Card Slots

3 SAMs

### Audio

Speaker, 90dB

### Communication Cable

Single multi-port connector which supports up to:  
1 x RS232 + 1 x USB2.0 Device + 1 x Ethernet

### Accessories (optional)

Multi-function cable

### 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 (optional)

External power supply  
5VDC, 0.5A

### Physical

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

### Weight

290g

### Accessories (optional)

Multi-function Cable

### 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  
Interac Flash  
MasterCard TQM

[www.pax.us](http://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. payWave® is a registered trademark of Visa, Inc. Mastercard and the Mastercard brand mark are registered trademarks of Mastercard International Incorporated. Contactless is the trademark of Mastercard International Incorporated. All other trademarks or brand names are the properties of their respective holders. Copyright 2016, PAX Technology Limited, All Rights Reserved.

