



# S300 Integrated Retail Smart PINpad

- Contactless, Chip, Magstripe
- Large Color Touch Screen
- Visa & MasterCard NFC
- PCI PTS 3.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 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.

*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 3.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 HD images and video

## 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 3.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

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