



# 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
- EMV, Magstripe, Contactless / NFC
- Advanced DDR technology
- Sleek compact design

### 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, 3DES
- Supports HASH function



## SPECIFICATIONS

### Processor

32-bit ARM11

### Memory

192MB (128MB Flash, 64MB DDR)

### Display

3.5 inch 240 x 320 pixel TFT color 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

MasterCard PayPass & Visa payWave  
American Express ExpressPay  
Discover DPAS

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

### Audio

Speaker, 90dB

### Communication Cable

Rs232  
Ethernet  
USB (optional)

### 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  
-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, 1A

### Physical

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

### Weight

290g

### Accessories (optional)

Multi-function cable

### Certifications

PCI PTS 3.x, SRED  
EMV L1 & L2  
EMV Contactless L1  
MasterCard PayPass  
Visa payWave  
American Express ExpressPay  
Discover DPAS

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