

# S80 COUNTERTOP PAYMENT TERMINAL

🔒 PCI PTS 3.x certified

🔒 Ethernet, Modem

🔒 Contactless / NFC



PAX's S80 is an advanced countertop POS terminal which combines innovation, durability and high performance to assure faster, more reliable transactions.

The PCI PTS 3.x approved S80 offers advanced connectivity, equipped with various communication technologies such as Ethernet and PSTN. An intuitive ATM-style interface and ergonomic keypad make operation easier for merchant and consumer alike.

The S80 comes with built-in contactless and powerful ARM11 processor, enabling support for multiple payment and value-added applications, making this countertop terminal one of the most reliable in the world.

# S80 COUNTERTOP PAYMENT TERMINAL

## SPECIFICATIONS

### Processor

32-bit ARM11

### Memory

192MB (128MB Flash, 64MB SDRAM)

### Display

128 x 64 pixel LCD, White backlit

### Keypad

10 numeric / letter & 8 function keys  
4 ATM keys, 1 Power ON / OFF key

### Printer

Thermal printer, Speed: 25 lps  
Standard paper roll: 58mm (2.25 in.)

### Magnetic Card Reader

Track 1 / 2 / 3, bi-directional, ISO7812

### Smart Card Reader

1 user card, EMV

### Contactless Card Reader (built-in)

13.56MHz, ISO14443 Type A/B, Mifare,

Felica, NFC

Maximum effective distance up to 4cm  
4 RF Indicators: Blue, Yellow, Green, Red

### Card Slots

3 SAMs, ISO7816

### Communication

Modem:  
Sync. (HDLC up to 9600bps);  
Async. (V.92, up to 56kbps)  
Ethernet (optional)

### Peripheral Ports

1 x PINPad, 1 x RS232, 1 x Ethernet,  
1 x Line, 1 x mini USB (OTG)

### Security

PCI PTS 3.x approved  
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

Input: 100~240VAC, 50Hz / 60Hz, 1.5A  
Output: 8.2VDC, 3A

### Physical

Length: 216mm (8.5 in.)  
Width: 95mm (3.74 in.)  
Height: 86 mm (3.390 in.)

### Weight

525g

### Certifications

PCI PTS 3.x  
EMV (Level1 & Level2)

## FEATURES

- High speed ARM 11 processor
- Large Memory Capacity
- USB
- Optional built-in Contactless



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