



# S80 Countertop Payment Terminal

**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 Dial and Ethernet. An intuitive ATM style interface and ergonomic keypad make operation easier for merchant and consumer alike.

The S80 comes with powerful ARM11 processor and optional built-in contactless, 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

## FEATURES & BENEFITS



- PCI PTS 3.x certified
- High speed ARM 11 processor
- Large Memory Capacity
- Dial and Ethernet
- EMV, Magstrip and Contactless / NFC

## SPECIFICATIONS

### Processor

32-bit ARM11

### Memory

192MB (128MB Flash, 64MB DDR)

### Display

128 x 64 pixel LCD, White backlit

### Keypad

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

### Printer

Thermal printer, speed: 25 lines per second  
Paper roll width / diameter: 58mm / 50mm

### Magnetic Card Reader

Track 1 / 2 / 3, bi-directional

### Smart Card Reader

EMV L1 & L2 certified

### Contactless Card Reader (optional)

MasterCard PayPass & Visa payWave  
American Express ExpressPay  
Discover DPAS

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

### Card Slots

3 SAMs

### Communication

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

### Peripheral Ports

1 x PINpad, 1 x RS232  
1 x RS232 / Ethernet  
1 x Line, 1 x Mini USB

### Security

PCI PTS 3.x approved  
DUKPT, Master / Session, 3DES  
ANSI / ISO9564 format 0, 1, 3  
PIN ciphered key algorithm  
ANSIX9.9 / 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: 9VDC, 1A

### Physical

Length: 216mm  
Width: 95mm  
Height: 86mm

### Weight

525g

### Certifications

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

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