



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.

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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

www.pax.us

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