

OmniPay

Getting Paid Your Way

The S800 Countertop Payment Terminal

The S800 payment terminal is the latest stand alone or semi-integrated card payment acceptance solution for merchants who wish to adopt the highest levels of transaction security and speed, whilst offering customers the flexibility to pay using all major card schemes via mobile, contactless, and Chip & PIN.

Integration with point of sale systems can be achieved using powerful integration API (application program interface) and the terminal itself can be connected to point of sale systems via serial, USB or RJ45 (IP). The API enables merchants to implement the S800 payment terminal to suit their individual point of sale process requirements and is pre-certified by all major UK acquirers.

With data security at the forefront of everyone's minds in this age of cybercrime, merchants will welcome the P2PE (point to point encryption) version 2 certification that accompanies the S800 payment terminal solution. The solution will be one of the first globally to be listed to this latest payment industry standard. Using a P2PE v2 solution not only increases the security of customer payment data (and improves peace of mind), but also delivers real benefits to merchants by reducing PCI compliance overheads.

As ever, speed of payment at the point of sale is important and the S800 payment terminal offers exceptional performance and an intuitive user interface to create a pain free checkout experience for customers. Add to this the many unique features of the S800 payment terminal solution and it's no wonder that so many merchants are choosing it when upgrading their card payment terminals.

Features

Acceptance

- Visa, MasterCard, Amex, Diners Club, Discover, JCB & UnionPay – all major payment schemes
- Mobile (e.g Apple Pay) contactless card, Chip & PIN card, magnetic stripe card
- Pennies Charitable Donations
- Any scheme supported currency
- All mainstream transaction types including sale, refund, gratuity, surcharge and card not present

Processing

- Real time authorisation and same day settlement via Optomany's axcept® Payment Platform
- Scheme and/or acquirer based transaction routing
- Certified by all major acquirers

Configuration & Other Options

- Single store/single department/single till to multi store/multi department/multi till configuration options

- Tokenisation and multi-channel token support
- Remote background updates
- Heartbeat functionality
- Hardware prognostics
- Software restore points
- Terminal log uploads

Reporting and Estate Management

- Point of sale level transaction summary and detail reporting
- Customisable and flexible on line reporting tools via Optomany Control Centre (OCC)
- Automated reconciliation report generation (email, export from OCC)
- Full suite of estate management and estate configuration tools through OCC

Branding

- On screen branding with your own logo
- Physical branding options available
- Optomany Control Centre branding options



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Hardware Specifications – PAX S800 payment terminal

Processor

32-bit ARM11

Memory

192MB (128MB Flash, 64MB DDR)

Display

3.5 inch 320 x 240 pixel colour 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

Card Slots (optional)

3 SAM Slots

Contactless Card Reader

MasterCard PayPass & Visa payWave

13.56MHz, ISO14443 Type A/B

Mifare®, Felica, NFC

Audio

Speaker, 90dB buzzer

Communication Options

Ethernet

Peripheral Ports

1 x Multi-Single port

Security

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

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, 0.9A

Physical

Length: 167mm

Width: 81mm Height:

50mm

Weight

290g

Accessories

Multi-function Cable

Certifications

PCI PTS v3

PCI DSS v3.2.1 level 1

PCI P2PE v2

EMV level 1 and level 2

MasterCard PayPass

Visa PayWave

EMV Contactless level 1

Integration

Please contact our implementation team at to discuss the integration options available

