

# S800 COUNTERTOP PAYMENT TERMINAL

The Yorkshire Payments® 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 Optomany's 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 Yorkshire Payments® 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 Yorkshire Payments® 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 Yorkshire Payments® 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 Yorkshire Payments® 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 Yorkshire Payments® Payment Platform
- Scheme and/or acquirer based transaction routing
- Certified by all major acquirers

### CONFIGURATION AND 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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## 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  
[info@yorkshirepayments.com](mailto:info@yorkshirepayments.com)  
to discuss the integration  
options available

