

S800 Countertop Payment Terminal

- Contactless, Chip, Magstripe
- Visa & MasterCard NFC
- LAN (IP) Connectivity
- Large Colour Display
- PCI PTS 4.x with SRED
- High Speed Printer
- Linux OS

The S800 is a highly innovative countertop payment terminal powered by a secure operating platform. It supports the development of customised and secure software applications, delivering best in class functionality for payment services.

The S800 comes in a compact and stylish design. The handset is equipped with a high resolution colour display and contactless built-in as standard. The S800 has a 32-bit ARM11 processor and high capacity memory to deliver exceptional performance.



S800 Countertop Payment Terminal



Features & Benefits

High Reliability & Exceptional Stability

- Sleek compact design
- Built-in contactless reader
- Fast thermal printer (30 lps)
- Multiple peripheral ports
- Advanced DDR technology
- 400MHz 32-bit ARM11 processor

Multimedia Performance

- Loudspeaker
- Large colour screen display
- Supports images

Open & Flexible Operating System

- Secure & flexible platform
- Easy software application development
- User-friendly interface with powerful GUI
- Multi-tasking OS maintains application integrity
- Plug-and-Play to extend functionality on-site

Unprecedented Security

- PCI PTS 4.x certified with SRED
- Supports HASH function
- Supports RSA, AES, 3DES
- Supports DUKPT, MK/SK, FIXED KEY
- Secure key embedded area

Specifications

Processor

400MHz 32-bit ARM11

Memory

192MB standard
(128MB Flash, 64MB DDR)
Micro SD (TF card) up to 32GB

Display

2.8 inch 320 x 240 pixels TFT colour LCD

Keypad

10 numeric / letter keys, 7 function keys
Back-lighting

Printer

Thermal printer, Speed: 30 lines per second or faster depending on font size
Paper roll width / dia: 58mm / 50mm

Card Slots

3 SAM/SIM slots

Magnetic Card Reader

Track 1/2/3, bi-directional

Smart Card Reader

EMV L1 & L2

Contactless Card Reader

MasterCard Contactless & Visa payWave
American Express ExpressPay
Discover DPAS
ISO/IEC 14443 Type A/B
Mifare®, Felica, NFC

Audio

Speaker, 90dB

Communication

Ethernet IP

Peripheral Ports

1 x RS232, 1 x Ethernet
1 x PINpad, 1 x Line, 2 x Mini USB

Security

DUKPT, Master/Session, 3DES,
ANSI/ISO9564 format 0, 1,3
PIN ciphered key algorithm
ANSI X 9.9/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

Input: 100~240VAC, 50Hz/60Hz, 1A
Output: 9VDC, 1A

Physical

L: 203mm / W 86mm / H: 70mm

Weight

454g

Certifications

PCI PTS 4.x with SRED
EMV Contact L1 & L2
EMV Contactless L1
Visa payWave
MasterCard Contactless
AMEX Expresspay
JCB J/Speedy
MasterCard TQM

This document is provided to you for informational purposes only. All features and specifications are subject to change without notice.