S900 Mobile Payment Terminal

Contactless, Chip,
Magstripe Large Colour
Touch Screen Visa &
MasterCard NFC High
Capacity Battery
3G, GPRS, WiFi
High Speed Printer
PCI PTS 3.x, SRED
Linux OS

S900 is the world's most innovative mobile payment terminal powered by a secure operating platform, featuring extended life battery, state of the art colour touch screen and GPRS, WiFi and 3G connectivity. It is the ideal solution for high-end retail and hospitality.
The S900 offers inbuilt contact-less capability, a powerful 32-bit ARM11 processor and massive amounts of memory to enable exceptional processing and multimedia performance.
The operating system supports rapid development of customized and secure software applications that give new meaning to the concept of payment and other value-added services.

Features & Benefits

Unprecedented Security

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

Exceptional Stability and Reliability

- 400MHz 32-bit ARM11 processor
- GPRS / 3G (WCDMA) / CDMA
- (EVDO) Built-in contactless
- reader
- Advanced DDR technology
- Sleek compact design
- High capacity Li-ion rechargeable battery Supports e-signature functionality

Open & Flexible Operating System

- Secure 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

Multimedia Performance

- Loudspeaker
- Large colour touch screen
- display Supports HD images and video

Specifications

Processor
32-bit ARM11

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

Display
3.5 inch 240 x 320 pixels color TFT LCD Touch screen

Keypad
10 numeric / letter keys,
5 function keys
Back-lighting

Printer
Fast thermal printer (30 lps) or faster depending on font size
Paper roll width / diameter : 58mm / 38mm

Card Slots
2 SAMs, 1 SIM
or 1 SAM, Dual SIM

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

Barcode Reader (optional)
1D / 2D barcode scanner

Audio
Speaker, 90dB

Communication
GPRS / 3G (WCDMA) / CDMA (EVDO) WiFi (optional)

Peripheral Ports
1 x Mini USB
1 x RS232

Security
DUKPT, Master/Session, 3DES
ANSI/ISO9564 format 0, 1, 3
PIN ciphered key algorithm
ANSI X9.9/X9.19 MAC algorithm

Battery
Li-ion batteries, 1850 / 2200mAh, 7.4V

Accessories (optional)
Charging Base

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, 0.3A
Output: 9VDC, 1A

Physical
Length: 175mm
Width: 82mm
Height: 63mm

Weight
458g with battary

Certifications
PCI PTS 3.x, SRED
EMV Contact L1 & L2
EMV Contactless L1
Visa payWave
MasterCard Contactless
AMEX Expresspay
Discover D-PAS
JCB J/Speedy
MasterCard TQM