

# S920 **Mobile Payment Terminal**

- **4G, GPRS, WiFi, Bluetooth**
- **Contactless, Chip, Magstripe**
- **Large Colour Touch Screen**
- **Visa & Mastercard NFC**
- **High Capacity Battery**
- **High Speed Printer**
- **PCI PTS 4.x, SRED**
- **Linux OS**

The S920 is the world's sleekest compact mobile point of sale terminal, packed with the most complete range of payment industry certifications ever and is manufactured to the highest of global standards using state-of-the-art technology and high-end materials.

Featuring a large ultra-clear high-definition multimedia colour touch screen and a beautiful back-lit keypad, the pocket-sized S920 is the hospitality & restaurant industry's preferred choice, where portability, usability and seamless customer interaction are key requirements. Merchants adore the S920's elegant sleek chassis, the superior battery life and the faster transaction times powered by a high-tech processor, larger memory capacity, and embedded contactless and NFC technology.

The incredible range of wireless connectivity options including 4G, GPRS, WiFi and Bluetooth are complemented by a highly secure open platform which facilitates customized development of a rich variety of banking and value-added software applications.

**Payment Acceptance Made Easy**



# S920 Mobile Payment Terminal

## Features & Benefits



### Exceptional Stability & Reliability

- Ultra high speed 400MHz ARM 11 processor
- Superior connectivity: 4G, GPRS, WiFi, Bluetooth
- Inbuilt contactless & NFC
- Larger memory capacity with Micro SD Card Slot
- Advanced DDR technology
- Sleek chassis & lightweight design
- Longer lasting battery life
- Ultra-clear colour touch screen
- Electronic signature capture

### Secure Flexible Operating System

- Simplified software application development
- User-friendly graphical user interface
- Multitasking operating system application integrity
- Plug-and-Play functionality

### Unprecedented Security

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

### Multimedia Performance

- Ultra-clear colour touch screen display
- High definition images & video
- Adjustable stereo speakers
- Advertising, messaging, alerts

## Specifications

### Processor

32-bit ARM 11

### Memory

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

### Display

3.5 inch 240 x 320 pixels colour TFT LCD  
Touch screen with signature capture functionality

### Keypad

10 numeric & letter keys  
5 dedicated function keys  
Beautiful back lighting

### Magnetic Card Reader

Track 1 / 2 / 3 bi-directional

### Smart Card Reader

EMV Level 1 & Level 2 certified

### Contactless Card Reader

Mastercard Contactless & Visa payWave  
Interac Flash  
ISO / IEC 14443 Type A/B  
Mifare, Felica, NFC

### Card Slots

2 SAMs & 1 SIM  
Or 1 SAM, Dual SIM

### Printer

Super Fast thermal printer (30 lps)  
Paper roll flexibility: 58mm / (25mm or 40mm)

### Audio

Speaker, 90dB

### Battery

Longer lasting Li-ion battery 2600mAh 3.7V  
Exceptional battery management technology

### Communications

WiFi + Bluetooth 4.0  
4G (FDD-LTE)  
GPRS

### Peripheral Ports

1 Micro USB (OTG)

### 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 -20°C to  
70°C (-4°F to 158°F) storage  
temperature 10%-93% relative  
humidity, non-condensing

### Voltage

Input: 100 ~ 240VAC, 50Hz / 60Hz, 0.2A  
Output: 5V DC, 1A

### Physical

L x W x H: 150x 78 x 44mm

### Weight

330g with battery

### Certifications

PCI PTS 4.x, SRED  
EMV Contact L1 & L2  
EMV Contactless L1  
Visa payWave  
Mastercard Contactless  
Interac Flash  
Mastercard TQM

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