



# S920 Mobile Payment Terminal

**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 color 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 3G (WCDMA), 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.

## FEATURES & BENEFITS

### Exceptional Stability and Reliability

- Ultra high speed 400MHz ARM 11 processor
- Superior connectivity: 3G, 4G, GPRS, WiFi, Bluetooth
- Built-In contactless & NFC
- Large memory capacity with Micro SD card slot
- Advanced DDR technology
- Sleek chassis & lightweight design
- Longer lasting battery life
- Ultra-clear color touch screen
- Electronic signature capture

### Unprecedented Security

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

### Secure Flexible Operating System

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

### Multimedia Performance

- Ultra-clear color 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 color TFT LCD  
Capacitive touch screen with signature  
Capture functionality

### Keypad

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

### Printer

Super fast thermal printer (18+ lps)  
Paper roll flexibility:  
58mm / 25mm (standard) or 40mm (optional)

### 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 certified

### Contactless Card Reader (optional)

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

### Audio

Speaker

### Communication

WiFi + Bluetooth 4.0 + 3G (WCDMA)  
4G (FDD-LTE) (optional)  
GPRS (optional)

### Peripheral Ports

1 Micro USB

### Security

DUKPT, Master/Session, 3DES  
ANSI / ISO9564 Format 0, 1, 3  
PIN Ciphered Key Algorithm  
ANSI X 9.9 / X9.19 MAC Algorithm

### Battery

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

### 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:  
150 x 78 x 46 mm  
or 163 x 78 x 55 mm

### Weight

330g

### Certifications

PCI PTS 4.x, SRED  
EMV L1 & L2  
EMV Contactless L1  
MasterCard PayPass  
Visa payWave  
American Express ExpressPay  
Discover DPAS  
Interac Flash

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