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.

S920 Mobile Payment Terminal

FEATURES & BENEFITS

Exceptional Stability and Reliability

- Ultra high speed 400MHz ARM 11 processor
- Superior connectivity: 3G, 4G, GPRS, WiFi, Bluetooth
- Built-In contactless & NFC
- Larg 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

cardknox
A Fidelity Payments Company

PAX