

Redefining Advanced Mobile Point-of-Sale

XD2100SP



Discover the Difference

ExaDigm's XD2100SP advanced mobile solution delivers a single terminal platform offering multiple connectivity options, easy software upgrades, and simple configuration to adapt to new technologies. With IP backup built directly into the terminal, and a wide range of interchangeable modems available supporting CDMA, GPRS, WiFi and dial connectivity, the XD2100SP delivers unsurpassed flexibility, security, adaptability, mobility and choice. Building on a history of innovation as the leader in wireless point-of-sale, ExaDigm has created one of the most advanced, future proof and secure mobile payment terminals on the market today.



Truly modular design

creating a future proof solution that adapts easily and cost effectively to changes in technology.

Flexible system architecture

offering the highest degree of performance and upgradeability ensuring a significantly lower cost of ownership.

Linux operating system

allowing for fast, affordable software application changes, updates and customization.

Advanced connectivity options

providing the flexibility of interchangeable modems supporting a complete range of wired and wireless communication types.

PCI PED approved

ensuring all PIN-based payment transactions meet the highest level of security.

Built-in Ethernet port

delivering the peace of mind that comes with wired backup for transaction processing and the ability to complete rapid IP downloads.

Superior terminal security

- SSL 3.0 and TLS 1.0 encryption; RSA PKI software authentication and WPA/WPA2 WLAN security for complete end-to-end transaction security.
- PCI PA-DSS validated payment application providing the maximum level of protection and security for cardholder information.
- MasterCard PTS validated environment ensuring safe transaction processing.

Options



Interchangeable Modems

ExaDigm offers a range of interchangeable modems for the XD2100SP incorporating industry-first technology, simply not available in any other point-of-sale device on the market today. These advanced modems offer unparalleled choice in wireless communication supporting CDMA, GPRS and WiFi connectivity with dial backup.

Accessories

Car Adapter

Charge an XD2100SP from the accessory power outlet in your car with this universal car adapter.



Holster

This nylon holster safeguards the XD2100SP from the elements and is equipped with a belt clip and adjustable shoulder strap to secure the terminal comfortably on the user.



Li-Ion Battery

The XD2100SP removable Li-Ion battery provides a long operating time without having to be recharged - a complete charge takes approximately 4 hours and lasts approximately 6-8 hours.



Multi-Charger 4X

ExaDigm's Multi-Charger comes with four battery charging bays for the XD2100SP battery, ensuring there is always a charged battery available.



XD2100SP

Specifications

Battery

- Battery pack w/ built-in charger
- High capacity Lithium-Ion 7.2V DC removable battery
- APM - Advanced Power Management

Modem Options

Standard modem:

- Ethernet: 10 MPS integrated Ethernet port

Interchangeable modems in a range of configurations of the following communication protocols:

- Dial: Global Fast Connect 56K V.90 modem
- Cellular: CDMA/1XRTT and GSM/GPRS
- WiFi: 802.11b/g

Dimensions

- Height: 3.75" (9.53cm)
- Length: 10.38" (26.35cm)
- Width: 3.75" (9.53cm)
- Weight: 1.56lbs (0.71kg)

Display

- 132 x 64 pixel graphical LCD with back lighting
- Up to 8 lines x 21 characters and graphics with 16 shades of grey
- Status bar with time/date and signal level indicator

Peripheral Ports

- RS232 port (with RJ11 connector) for peripherals
- RJ45 Ethernet port for wired IP backup

Printer

- Integrated thermal graphical printer, 12 lines per second, 200dpi (8dots/mm), 384 dots/line
- 24 or 32 columns, multi-language font capability that can be scaled double-high, double-wide, or double-high and double-wide
- Standard 2.25" (5.71cm) x 85' (2590cm) thermal paper roll
- Easy-open and easy-load mechanism

Environmental

- Operation temperature: 32° F to 104° F (0° C to 40° C)
- Storage temperature: -4° F to 140° F (-20° C to 60° C)
- Humidity: 15% to 90% without condensation

Keypad

- 3x4 back-lit numeric keypad with 4 soft function keys
- 3DES encryption, DUKPT key management
- PCI PED 1.3 approved

Magnetic Card Reader

- Bidirectional high and low coercivity swipe reader
- Reads ISO track 1 and 2
- 3 track reader (optional)

Memory

- 512KB SRAM
- 8MB Flash ROM exp. to 32MB
- 16MB SDRAM

Processor

- 32 bit ARM 7 RISC microprocessor / 100 MHz processing speed

Security

- SSL 3.0 and TLS 1.0 encryption support
- PCI PA-DSS validated payment applications
- MasterCard PTS certified
- 3DES encryption, DUKPT key management
- PCI PED 1.3 approved



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