XD2100SP

EXADIGM

XD2100SP

EXADIGM

Building on a history of innovation as the leader in wireless point-of-sale, ExaDigm has created the most secure mobile payment terminal on the market today with the launch of the **XD2100SP** Mobile Solution. Achieving the requirements of both the Payment Card Industry (PCI) PIN Entry Device (PED) standard ensuring PIN-based payment transactions meet the highest level of security, and the VISA Cardholder Information Security Program (CISP) Payment Application Best Practices (PABP) standard validating ExaDigm's payment application as compliant with security requirements for the protection of cardholder information, the **XD2100SP** delivers the highest levels of security and protection creating peace of mind for merchants and consumers alike.

Incorporating ExaDigm's renowned fully modular design and PC-based Linux operating system, the **XD2100SP** continues the philosophy of a one terminal-one technology approach delivering a single terminal platform offering multiple connectivity options, easy software upgrades, and simple configuration to adapt to new technologies. With Ethernet back-up built directly into the terminal, and a wide range of interchangeable modems available supporting Ethernet WiFi, CDMA, GSM, Bluetooth® and dial connections, the **XD2100SP** delivers unsurpassed flexibility, security, adaptability, mobility and choice.

XD2100SP

◀ DISCOVER THE ADVANTAGES

Truly modular design creating a single terminal delivering limitless possibilities, total choice and industry-leading capabilities.

PC-based architecture offering the highest degree of flexibility and upgradeability ensuring a significantly lower cost of ownership.

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

PC style components, such as host-based USB and Serial Ports, allow for easy integration of peripherals and other hardware devices with little or no software changes.

Superior terminal security supporting up to 1024-bit SSL encryption at the time of card swipe eliminating the need for 3rd party processing of transactions.

VISA® CISP PABP validated payment application providing the maximum level of protection and security for cardholder information.

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

Internal PCI-approved PED ensuring all PIN-based payment transactions meet the highest level of security.

◀ LATEST FEATURES

Built-in Peripheral Ports
❶ RS-232 port (with RJ11 connector) for peripherals including external PIN pads and check readers
❷ RJ45 Ethernet port for wired Ethernet back-up

Advanced PCI-approved PIN Pad
❶ 14 back-lit keys
❷ 4 soft function keys

ADDITIONAL FEATURES

advanced high level **security** features

intuitive advanced **ATM style** interface

"always active" wide bandwidth and wireless services

long-life **removable lithium ion battery**

full size paper roll and continuous paper load

integrated **battery charger**

OPTIONS

Interchangeable Modems

A wide range of interchangeable modems, supporting any number of combinations of Ethernet, WiFi, CDMA, GSM, Bluetooth® and dial connectivity, are available for the XD2100SP. For more information about the interchangeable modems available today, see our Modem Options Brochure or visit our website at www.exadigm.com.

Smart Card Reader

The XD2100SP has the option of integrating a Smart Card Reader into the front of the terminal at the time of factory configuration. Supporting ISO14443 Type A and B and up to 4 SAMs, the reader is EMV Level 1 compliant.

ACCESSORIES

Car Adapter

Charge an XD2100SP from the accessory power outlet in your car with this versatile car adapter. It's the fastest way to charge on the road with the adapter powering and recharging a terminals battery while driving.

Holster

The nylon holster safeguards the XD2100SP from the elements. It is equipped with a belt clip and adjustable shoulder strap in order to secure the terminal comfortably on the user for easy accessibility. It also has a clear plastic cover to protect the keypad and display, while allowing both to be viewed easily. This is ideal for outdoor use of the terminal.

Li-Ion Battery

The XD2100SP removable Li-Ion battery (7.2 V 2000mAh) is made from Lithium and is the same type of battery found in a laptop computer. It has the longest operating time without having to be recharged. A complete charge takes approximately 4 hours and lasts approximately 6-8 hours depending the terminals power management setup.

Multi-Charger 4X

Ensuring there is always a charged battery available, ExaDigm's Multi-Charger comes with four battery charging bays for the XD2100SP battery. Located next to each bay is an indicator light. When the light is red, the battery charge is depleted, yellow denotes that it is charging and a green light indicates a full charge.

SPECIFICATIONS

BATTERY
- Battery pack with built-in charger
- High capacity Lithium-ion 7.2V DC removable battery
- APM – Advanced Power Management

DIMENSIONS
- Height: 10.38" (26.35cm)
- Width: 3.75" (9.53cm)
- Thickness: 3.75" (9.53cm)
- Weight: 1.6lbs (0.709kg)

DISPLAY
- 128 x 64 pixel graphical LCD with back lighting
- 8 lines x 21 characters and graphics with 16 shades of grey
- Time and date indicator

ENVIRONMENTAL
- 32° F to 104° F (0° C - 40° C)
- 90% maximum relative humidity

KEYPAD
- 3x4 back-lit numeric keypad with 4 soft function keys
- 3DES and DUKPT functionality
- PCI 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 expandable to 32MB
- 16MB SDRAM expandable to 64MB

MODEM OPTIONS
Interchangeable modems in a range of configurations of the following communication protocols:
- Dial: Global Fast Connect 56K V.90 Modem asynchronous/synchronous
- Ethernet: 10 MPS integrated Ethernet port
- Bluetooth©: USB based Bluetooth
- Cellular: CDMA/1XRTT and GSM/GPRS
- WiFi: 802.11b/g

PERIPHERAL PORTS
- RS-232 port (with RJ11 connector) for peripherals including external PIN pads and check readers
- RJ45 Ethernet port for wired Ethernet back-up

PRINTER
- Integrated graphic thermal printer, 57mm large capacity paper roll capacity
- 12 lines per second, 24 or 32 columns
- Multi-language font capability that can be scaled double-high, double wide, or double-high and double wide

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

SECURITY
- 128-bit, 256-bit, 512-bit, 1024-bit and higher SSL encryption support
- VISA CISP PABP validated payment applications
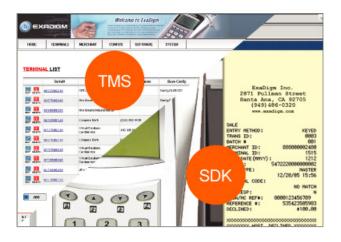- 3DES encryption, Master/Session and DUKPT key management

SOFTWARE

◀ Terminal Management System (TMS)
ExaDigm's Terminal Management System (TMS) provides the fastest, most secure, and yet the most cost effective remote terminal management tool for ISOs, processors and acquirers. This is achieved through a user friendly web-based interface. The core of TMS is the In-Field Support System (IFSS). IFSS was designed to support all of ExaDigm's terminals and to provide some basic functions such as terminal registration, software upgrades, setting changes, status reports and terminal usage.

◀ Software Development Kit (SDK)
ExaDigm's Software Development Kit (SDK) is a set of complete and powerful development tools. The SDK emulates a terminal on a PC running Linux and it allows the developer to write, in industry standard C, and visualize the application in real time exactly as it would appear on the terminal. Applications are then run and debugged on the emulator, which is the heart of the SDK. Debugging, compiling, breakpoints and even printing are all possible. Once development has been completed, the application is cross-compiled to our unique fast RISC ARM7 processor.

DIMENSIONS

Side View — 10.38", 3.75"

Rear View — 3.75"

Front View — 3.75"