



XD2100SP



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



Benefits

PC-based architecture—offering the highest degree of flexibility and upgrade-ability ensuring a significantly lower cost of ownership

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

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

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

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

TECHNICAL SPECIFICATIONS

BATTERY

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

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

DIMENSIONS

Length: 10.38" (26.35cm)
Width: 3.75" (9.53cm)
Height: 3.75" (9.53cm)
Weight: 1.8lbs (0.816kg)

DISPLAY

- Backlit: 2 lines x 20 characters (standard)
- Backlit: 4 lines x 20 characters (optional)

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

KEYPAD

• Elastomeric: 35 keys;
water splash-resistant; 19 key,
3 soft key (optional)

MAGNETIC CARD READER

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

MEMORY

512KB SRAM
8MB Flash ROM expandable to 32MB
16MB SDRAM expandable to 64MB

COMMUNICATIONS

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

Dial - Fast connect dial modem (Bell 103/212a,
300/1200/2400 bps V.21, V.22, V.22bis
asynchronous and 1200/2400 bps 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 Ethernet and dial back-up

PROCESSOR

32 bit ARM 7 RISC microprocessor
100 MHz processing speed

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

SECURITY

128 or 256-bit SSL encryption
VISA CISP Validated
3DES encryption, Master/Session and DUKPT
key management

For more information, contact your Prospay Merchant Services Sales Rep.
Or visit www.tryprospay.com

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