

Redefining Countertop Point-of-Sale



XD1000



EXADIGM

Leveraging the latest in advanced technology, ExaDigm has created the industry's most cost-effective, full function, countertop point-of-sale terminal with the release of the **XD1000 Countertop Solution**. Built as an IP terminal from the ground up, its unique modular design allows for a range of flexible communication options, including IP, Dial, WiFi, Cellular and Bluetooth capabilities, resulting in the most choices of any countertop terminal today. Featuring unparalleled speed, reliability, security and ease of use, the **XD1000** delivers merchants an advanced, cost competitive countertop solution customizable to their business needs.

Incorporating ExaDigm's renowned PC-based Linux operating system, the **XD1000** offers true IP connectivity, easy software upgrades and simple configuration to adapt to next generation technologies resulting in a much lower cost of ownership. Created from true innovation, the **XD1000** is the perfect balance between cost, technology, and performance resulting in a solution that is changing the face of countertop point-of-sale.

XD1000

DISCOVER THE DIFFERENCE



Innovative countertop design delivering unparalleled performance, reliability, security, ease of use and return on investment.



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.



Flexible communication options featuring Ethernet and dial as standard, with optional wireless connectivity through two industry-first technologies - a Removable WiFi Modem, and detachable CDMA or GSM Cellular Modem Modules.



Integrated RFID reader eliminating the need to attach a bulky external RFID unit in order to accept contactless payments.



LATEST FEATURES

Contactless Payment Module

- 1 Modular detachable design featuring a fully certified RFID reader
- 2 Built-in port for the Removable WiFi Modem
- 3 External host-based USB port for the attachment of peripherals

Removable WiFi Modem

- 1 Removable USB 802.11b/g WiFi modem card
- 2 Supporting 802.11b/g for standard WiFi router compatibility

ADDITIONAL FEATURES



advanced high level security features



wired & wireless modular communication options



superior speed & performance for payment processing



integrated host-based USB ports



full size paper roll and continuous paper load



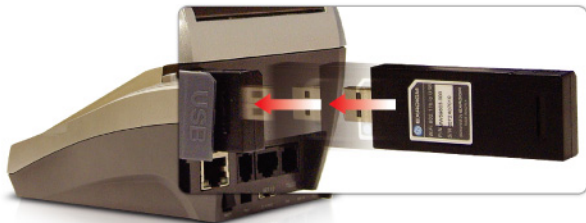
support for a range of value-added applications

OPTIONS



Smart Card Reader

The **XD1000** 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 Smart Card Reader is EMV Level 1 compliant.



Removable WiFi Modem

Featuring the industry's first Removable WiFi Modem, the **XD1000** has the ability to add WiFi connectivity at anytime, virtually instantly, in turn eliminating the need and expense associated with hardwiring an IP line to a countertop location.

- ▶ Removable USB 802.11b/g WiFi modem card.
- ▶ Modular design guarding against terminal obsolescence due to changes in wireless technology.
- ▶ Inexpensive single component upgrade ensuring compatibility with the latest WiFi standards.
- ▶ Compatible with standard 802.11b/g wireless routers.



Removable WiFi Modem

Contactless Payment Module

Incorporating a fully certified RFID reader, the Contactless Payment Module seamlessly integrates with the **XD1000** enabling acceptance of contactless payments while eliminating the need to attach a bulky after-market RFID unit.

- ▶ Modular design attaching to the terminal using the built-in USB port, creating a seamless "all in one" unit.
- ▶ Fully certified RFID reader providing the highest level of security available for proximity payment acceptance and card use.
- ▶ Dedicated USB port for the Removable WiFi Modem.
- ▶ Host-based USB port for terminal downloads, the attachment of peripherals or the addition of Bluetooth® connectivity.



Cellular Modem Modules

Combined with the **XD1000**, the Cellular Modem Modules create a low-cost, fixed cellular wireless solution for card-based payment acceptance in locations where cellular wireless offers the best acceptance, provides the lowest cost option or where wired connectivity is limited.

- ▶ Utilizing the form factor of the Contactless Payment Module, replacing the RFID reader with a CDMA or GSM modem chip.
- ▶ Dedicated USB port for the Removable WiFi Modem.
- ▶ Available with the choice CDMA or GSM cellular wireless connectivity.
- ▶ Activation on all major U.S. wireless networks and Global GSM support for other regions internationally.



SPECIFICATIONS

DIMENSIONS

- Height: Height: 3.65" (9.3cm)
- Width: Width: 8.2" (20.4cm)
- Thickness: 4.45" (11.3cm)
- Weight: 1.35 lb (0.6123497 kg)

DISPLAY

- 132 x 64 pixel graphical LCD with back lighting
- Up to 8 lines x 21 characters and graphics with 16 shades of gray
- Time and date indicator

ENVIRONMENTAL

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

KEYPAD

- 3x4 numeric keypad with 4 soft function keys

MAGNETIC CARD READER

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

MEMORY

- 8MB Flash ROM expandable to 32MB
- 16MB SDRAM expandable to 64MB

MODEMS

Standard

- Dial: Global Fast Connect 56K V.92 Modem asynchronous/synchronous
- Ethernet: 10 MPS integrated Ethernet port

Optional

- WiFi: Removable 802.11b/g Local Area Wireless
- Cellular: CDMA/1XRTT or GSM/GPRS

PERIPHERAL PORTS

- 3 RS-232 ports for peripherals including external PIN pads and check readers

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

RFID READER

- Detachable module with an integrated certified RFID reader
- Host based USB port
- Dedicated port for optional WiFi Modem

SECURITY

- 128-bit, 256-bit, 512-bit, 1024-bit and higher SSL encryption support
- VISA CISP PABP validated payment applications

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 compiled to our unique fast RISC ARM7 processor.



DIMENSIONS



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