

Redefining Countertop Point-of-Sale

XD1000



Discover the Difference

ExaDigm's XD1000 countertop solution offers true IP connectivity enabling rapid downloads, faster transaction times, easy software upgrades, and simple configuration to adapt to next generation technologies – all resulting in a much lower cost of ownership. Designed as an IP terminal from the ground up, the XD1000 incorporates a unique modular design, delivering a single terminal offering a range of flexible connectivity options including dial, IP, WiFi, CDMA and GPRS. Created from true innovation, the XD1000 provides a future proof solution that is the perfect balance between ease-of-use, cost, technology, and performance.



Innovative countertop design

delivering unparalleled performance, reliability, security, ease-of-use and return on investment.

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.

PC style components

such as host-based USB and Serial ports, allow for easy integration of peripherals and other hardware devices.

Wireless communication options

available through two industry-first technologies - a removable WiFi Modem, and detachable CDMA or GPRS Modems.

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



WiFi Modem

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

- Removable USB 802.11b/g WiFi modem.
- Inexpensive single component upgrade ensuring compatibility with the latest WiFi standards.
- Compatible with most standard 802.11b/g wireless routers.



CDMA and GRPS Modems

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

- Modular design attaching to the terminal using the built-in USB port, creating a seamless all-in-one unit.
- Available with the choice of CDMA or GPRS cellular wireless connectivity.
- Activation on major U.S. wireless networks and Global GSM support for other regions internationally.

XD1000

Specifications

Dimensions

- Height: 3.65" (9.27cm)
- Length: 8.20" (20.82cm)
- Width: 4.45" (11.30cm)
- Weight: 1.35 lb (0.61kg)

Display

- 128 x 64 pixel graphical LCD with back lighting
- Up to 8 lines x 21 characters and graphics with 16 shades of grey

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

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

Modem Options

Standard modems:

- Dial: Global Fast Connect 56K V.90 modem
- Ethernet: 10 MPS integrated Ethernet port

Interchangeable modem options:

- Cellular: CDMA/1XRTT and GSM/GPRS
- WiFi: 802.11b/g

Peripheral Ports

- RS232 port (with RJ11 connector) for peripherals including external PINpads and check readers
- RJ45 port for wired 10BaseT Ethernet

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

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