

BENEFITS AT A GLANCE

- Superior performance for faster transaction processing, including EMV smart card
- Multiple payment and value-added applications
- PCI PED approved, advanced security including SSL
- Small footprint takes up little counter space



Ultra-High Performance with Flexible, Secure Communications

VeriFone's V^x 510 for Canadian markets offers extraordinary performance for payment and value-added applications — including data-intensive, EMV smart card transactions — and it dramatically reduces transaction time to just a few seconds.

Leveraging existing SoftPay and Verix applications allows merchants to get up and running quickly and efficiently, with memory that facilitates the addition of revenue-generating applications, such as telco, loyalty and gift.

The Vx 510 has a sleek and stylish "hand-over" design for customer PIN entry, and has an extremely small footprint that takes up very little counter space. A bright backlit display, ATM-style interface, and on-screen prompts with four useful function keys make the Vx 510 a snap to learn and use—minimizing costly human errors. It also includes a built-in thermal printer with drop-in paper loading to virtually eliminate paper jams.

The PCI PED approved V^x 510 also offers the latest and most reliable security protections — including SSL, 3DES encryption, Master/Session and DUKPT key management and VeriShield file authentication — along with VeriFone's unmatched reliability and quality.

V^x 510

Big Things in a Small Package

V^x 510



SPECIFICATIONS

Processor

200 MHz ARM9 32-bit RISC processor

Memory

3 MB – dial only

Display

128 x 64 pixel graphical LCD with backlighting; supports 8 lines x 21 characters

Magnetic Card Reader

Triple track (tracks 1, 2, 3), high coercivity, bi-directional

Smart Card Reader (Optional)

ISO 7816, 1.8V, 3V, 5V or synchronous and asynchronous cards; EMV Level 1 and 2 Type approved

SAM Card Reader (Optional)

3 Security Access Modules (SAMs)

Keypad

3 x 4 numeric keypad, plus 8 soft-function keys and 4 screen-addressable keys

Peripheral Ports

Two RS-232 ports, and one telco port supports communications and peripherals including PIN pads and check readers

Printer

Integrated thermal with graphics capabilities, 18 lines per second, 22, 32 or 42 columns; standard roll paper 58 mm (2.25 in.) x 25 M (82 ft.), single ply

Modem

Standard 14.4 kbps modem supporting Bell 103/212a, CCITT V.21/V.22/V.22bis/V.32/V.32bis (300/1200/2400/9600/14400 and HC Fast Connect for 1200 bps)

Protocols

Application selects between asynchronous protocols (Visa 1, Visa 2, and others) and synchronous protocols (including ISO 8583/SDLC)

Security

SSL v3.0, 3DES encryption, Master/Session and DUKPT key management; PCI PED approved; VeriShield file authentication

Physical

Length: 209 mm (8 in.); Width: 102 mm (4 in.); Height: 72mm (2.8 in.) Weight: Terminal/500 g (1.10 lbs.), Full shipping/1,326 g (2.84 lbs.)

Environmental

0 to 40 C (32 to 104 F) operating temperature; 5% to 90% relative humidity, non-condensing

Voltage

AC input 100 - 240 VAC, 50/60 Hz; DC Output 8.6 - 9.4 VDC, 4.0 Amp

Features & Benefits

Exceptional Performance

- 200 MHz 32-bit RISC processor — the fastest processor in the industry for multi-tasking capabilities
- Up to 3 MB of lightning-fast DMM (dynamically managed memory) provide exceptional processing on debit, credit, EBT and value-added transactions — including EMV smart card
- File compression, used in conjunction with high-speed networks or high-speed modems greatly streamlines application downloads
- Exceptional graphics-handling by both display and printer quickly renders logos, graphical fonts and character-based languages
- Integrated high-speed thermal printer is quiet and fast (18 lines per second) with drop-in, “clam shell” loading to simplify paper changing and eliminate jams

Easy to Use

- Intuitive ATM-style interface, large backlit display, ergonomic keys, and bold menu prompts minimize clerk training, speed lines, and reduce errors
- Triple-track, high-coercivity card reader handles most magnetic-stripped cards, including mini-cards
- Includes built-in smart card reader and Security Access Modules (SAMs) to support multiple smart card solutions and offer added data protection
- Internal PIN pad for debit and other PIN-based applications

Advanced Security And Superior Reliability

- Latest security protections include advanced 3DES encryption, Master/Session and Derived Unique Key Per Transaction (DUKPT) management, and sophisticated VeriShield file authentication and tamper resistance
- PCI PED approved for debit and other PIN-based transactions, and has earned EMV Level 1 and Level 2 Type approval, plus Interac certification
- Application separation at both the hardware and software level minimizes or eliminates the need to recertify existing payment applications every time an application is added or modified

