Fully Loaded and Future-Proof

BENEFITS AT A GLANCE

- Highly reliable operation, even under heavy volumes
- Flexibility to adapt to changing payment requirements
- Exceptional design and ease of use reduces input errors and training
- Complete security for all transaction types

All You Could Want in a PIN pad—Hands Down

VeriFone's V^x 810 redefines the PIN pad. Highly reliable, remarkably modular, and exceptionally user-friendly, the V^x 810 provides everything merchants could want—in a stylish, ergonomic payment device that fits comfortably into the palm of a hand.

The V^x 810 PIN pad gets its reliability from the same Verix-based operating system that runs all of VeriFone's market-leading V^x Solutions payment devices. Both the triple-track, high-coercivity mag stripe reader and smart card reader are built—and proven—to perform consistently, even under the heaviest volumes.

Because the payment environment is changing so quickly, VeriFone has future-proofed the V^x 810 to easily change right along with it. The PIN pad's Secure Digital Input Output (SDIO) expansion port allows you to simply upgrade the device—for example, adding a module for contactless payment capability—without sending it back to the factory. The V^x 810 also offers an array of connectivity options all from a single port (including serial, USB, or optional Ethernet) so you can connect to almost any device or ECR. Plus, the V^x 810 gives you the option of adding a base unit with a printer and modem to create a fully-loaded payment solution with a "hand-over" PIN pad—all in one single device.

The V^x 810 is ultra sleek with VeriFone's patent-pending MAXui design, providing the smallest footprint with the largest user interface. Its ATM-style interface includes a large keypad and an equally sizeable, extraordinary, white backlit display—making it especially easy to read on-screen prompts. The high-speed processor and exceptionally large memory is more than enough for a broad range of payment and value-added applications. And support for the latest PCI PED standards, plus EMV Level 1 and 2 Type Approval, ensure that this PIN pad will be a handy solution for years to come.

V^x 810

VeriFone®
THE WAY TO PAY™

V^x Solutions

Fully Loaded and Future-Proof

V^x 810

The modularity of the V^x 810 allows for a variety of options, including contactless payment, a base unit with a printer and modem to make it a complete payment device, and a privacy shield for added consumer protection.

SPECIFICATIONS

Processor
200MHz ARM9 32-bit microprocessor

Memory
6 Mbytes (4 MB of Flash, 2 MB of SRAM) Optional 12 MB (8 MB of Flash, 4 MB of SRAM) or 20 MB (16 MB of Flash, 4 MB of SRAM)

Display
128 x 128 pixel graphical LCD with high contrast white backlighting; supports 16 lines x 21 characters with standard font set

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

Primary Smart Card (Optional)
ISO 7816, 1.8V, 3V, 5V or synchronous and asynchronous cards; EMV Level 1 and Level 2 Type Approved

SAM Card Reader (Optional)
3 Security Access Modules

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

Peripheral Ports
Single multi-connector, which supports power, RS-232, USB Client, USB Host, Ethernet, and power over Ethernet; SDIO interface supports optional module or secure digital memory card

Security
3DES encryption, Master/Session and DUKPT key management; PCI PED approved; VeriShield file authentication

Physical
Length: 150 mm (5.9 in.); Width: 85 mm (3.3 in.); Height: 32 mm (1.2 in.) Weight: Terminal/270 g (0.59 lbs.), Full shipping/850 g (1.87 lbs.)

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

Voltage
5-12 Vdc; 2.5W (maximum consumption with backlight on)

Features & Benefits

Acclaimed V^x Solutions Reliability and Security Guarantees Extra Protection

- Runs on Verix-based platform, proven in millions of VeriFone V^x Solutions installed worldwide
- Has exceptionally reliable magnetic stripe and smart card readers to reduce read errors
- Is PCI PED approved for secure, reliable PIN entry on debit transactions
- Has received EMV Level 1 and 2 Type Approval for smart card transactions
- Provides end-to-end SSL security and supports the latest security options—including 3DES encryption, and Master/Session and DUKPT (Derived Unique Key Per Transaction) key management
- Relies on VeriShield file authentication to help stop fraud and misuse, such as downloading rogue files or physical tampering
- Hardware and software application separation minimizes or eliminates the need to recertify existing payment applications every time an application is added or modified

Flexibility and Future-Proofing Can Put You Years Ahead to Safeguard Your Investment

- Includes an SDIO expansion port to simplify upgrades to contactless or other emerging technologies—without replacing PIN pad
- Provides for a wide range of connectivity via a single connector—including RS-232, USB, and optional Ethernet—to accommodate nearly any ECR and fit most merchant needs
- Offers the option of adding a base unit with a printer and modem that transforms the PIN pad into an all-in-one payment solution
- Extensive memory (6 MB standard, 12 MB or 20 MB optional) to support multiple applications, including revenue-producing value-added solutions
- Uses 200 MHz, 32-bit, ARM 9 processor—the industry's fastest—for trouble-free multitasking

Ultra Sleek PIN Pad Puts Everything at Your Customer's Fingertips

- Ergonomic shape and silver casing holds high consumer appeal
- Offers 128 x 128, high-resolution display with white backlighting for enhanced readability and branding opportunities
- MAXui design provides a large keypad and screen without wasted space
- Programmable function keys and on-screen prompts add to the V^x 810's outstanding usability
- Works well as either a handheld or a counter/poll-mounted device, offering flexibility in placement

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