

BENEFITS AT A GLANCE

- Two-in-one functionality for both merchant and customer
- Sleek, ergonomic design for easy handover and user-friendly interface for quick use
- Unrivaled connectivity from Ethernet and USB ports and Secure Digital IO for contactless module
- Proven reliability from award-winning V^x Solutions platform
- PCI PED approved for secure PIN-based debit transactions



Dual-facing functionality in one sleek countertop solution

VeriFone's V^x 810 DUET offers a complete countertop payment solution with a sleek payment interface for easy use. With the V^x 810 DUET, both merchants and customers benefit from the device's true dual-user functionality, speeding payments and improving customer service right at the point of sale. The exceptional design of the unit is based in its dual nature—an easy to hand over PIN pad that sits on a base unit containing a thermal printer and high-speed modem. And the device is flexible, offering a range of connectivity choices for any environment, including Ethernet, USB and serial ports.

Designed for high-volume points of sale

The V^x 810 DUET is perfect for fast transactions, such as smart card, mag stripe, contactless and PIN-based debit—making it ideal for high-volume POS. Another great feature: the Secure Digital IO (SDIO) expansion port allows modular contactless capabilities and future-proof upgrades.

The extraordinary usability of the V^x 810 DUET comes from its dedication to maximum user interface (MAXui) in a small footprint. The interface is intuitive, with a large white backlit display, and the large keypad offers familiar, ATM-style keys. A printer is located in the base unit,

providing easy handover of a lightweight, comfortable PIN pad unit to customers.

The V^x 810 DUET's proven Veri-based operating system allows merchants to get up and running quickly, utilizing tools and knowledge for application development while minimizing software certifications. Flexible, secure encryption via VeriShield file authentication reduces fraud and misuse.

Dual-user functionality, sleek interface, modular expansion, reliable performance. VeriFone's V^x 810 DUET. All in one. Two in one.

V^x 810 DUET

Dual Attraction. Dual Function.

V* 810 DUET



Unique two-in-one design allows easy handover of the ultra sleek customer-facing PIN pad.



Easily accept contactless payments by adding the optional contactless module.



Accepts multiple contactless forms, from key fobs to cards to NFC-enabled phones.

Features & Benefits

Two-in-one device

- Perfect for all types of payment in high-traffic retail environments
- Ergonomic design with compact footprint that saves counter space
- Single device to purchase, inventory and support

Exceptional Function in a Familiar Interface

- Easy-to-use interface with a large, high-res, 128 x 128 backlit display
- Large, ergonomic keypad speeds checkout by minimizing key entry errors
- Sleek design includes large backlit display in small footprint, perfect for busy countertop use
- Intuitive ATM-style interface increases customer speed and ease of use
- On-screen prompts and function keys reduce merchant training time
- Solid-construction base unit offers reduced footprint and reliable connectivity

Outstanding functionality with modular expansion

- Supports payment, EMV smart card transactions and value-added applications for additional revenue streams
- SDIO expansion port allows easy field upgrades to accept contactless payments
- Contactless module accepts both EMV and mag-stripe contactless payments for ultimate global flexibility
- Provides connectivity for USB, serial and Ethernet, easily fitting into multiple merchant schemes
- Proven Verix-based operating system delivers unmatched compatibility and industry-leading performance
- Triple-track, high-coercivity magnetic-stripe card reader offers exceptionally accurate read rate, speeding customer transactions
- Extended smart card life for high volume EMV transaction markets
- Increased memory support for robust, revenue-generating applications
- 200 MHz, 32-bit, ARM 9, the fastest processor available, allows quick multi-tasking

Unmatched Security and Reliability

- PCI PED approved for secure debit and other PIN-based transactions
- Certifications include Interac, PCI PED, and EMV Level 1 and 2
- VeriFone's "end-to-end" SSL transaction security results in secure key exchange between browser and server
- VeriShield file authentication helps stop fraud and misuse
- Application separation at hardware and software levels minimizes need to recertify existing applications when modified
- Supports multiple smart card solutions and added data protection for secure EMV smart card transactions

SPECIFICATIONS

Processor

200MHz ARM9 32-bit microprocessor

Memory

6 Mbytes (4 MB of Flash, 2 MB of SRAM)
Optional 12 Mbytes (8 MB of Flash, 4 MB of SRAM)
Optional 20 Mbytes (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 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 (in base)

One USB 1.1 port supports flash memory devices
One RS-232 port supports peripherals including PIN pads and check readers
One telco port and one Ethernet port support communications

SDIO interface (in PIN pad unit) supports optional module or secure digital memory card

Printer

Integrated thermal printer with graphics capabilities, 18 lines per second, 24, 32 or 42 columns, standard paper roll 58 mm (2.25 in.) x 25M, single ply

Modem

Standard 14.4k bps modem supporting Bell 103/212A, CCITT V.21/V.22/V.22bis/V.32/V.32bis (300/1200/2400/9600/14400 bps) 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: 178 mm (7.01 in.)
Width: 98 mm (3.86 in.)
Height: 109 mm (4.3 in.)
Weight: terminal, 735 g (1.62 lbs.); full shipping, 1800 g (3.96 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

