

## BENEFITS AT A GLANCE

- Lets merchants extend the POS and process transactions anywhere, any time
- Opens new markets for you – from delivery services to outside vendors
- Ease of use and familiar software speed implementation and reduce costs
- PCI PED approved and offers end-to-end security using SSL and other protections



# Vx 610

Portable Powerhouse

## Bring the Point of Sale to the Point of Service

VeriFone's Vx 610 commands unsurpassed performance — no strings attached. Without tying your customers to a fixed location, our wireless powerhouse delivers blazing performance, high-end functionality, and exceptional ease of use.

With our wireless, battery-powered Vx 610, the point of payment can be almost anywhere — merchants can instantly open an extra lane or support an outdoor market. Powered by a 32-bit processor, the all-in-one device eliminates the need for dongles and charging bases. Swiftly handling even the most complex mag-stripe or

smart card transactions, the Vx 610 uses a choice of the latest wireless technologies, such as GPRS, CDMA and Wi-Fi. And the modular design provides true investment protection, allowing modules to be easily swapped should new versions of a technology emerge.

The Vx 610's intuitive, ATM-style interface provides a familiar experience for users. And VeriFone's VeriX-based platform with SoftPay software allows you to leverage existing applications without rewriting code or recertifying — simplifying the implementation process and minimizing your help desk costs.

Finally, PCI PED approved Vx 610 meets the latest security standards for PIN entry. And the VeriFone name on the outside says all you need to know about the quality and reliability inside.



\*Forward Information Technologies is a registered ISO/MSP of BancorpSouth Bank, Tupelo, MS\*



# Vx 610



## SPECIFICATIONS

### Processor

32-bit microprocessor

### Memory

6 MB (4 MB of Flash, 2 MB of SRAM)

### 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

### Primary Smart Card

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

### SAM Card Reader

1 or 3 Security Access Modules (SAMs)

### Keypad

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

### Peripheral Ports

One RS-232 port and 1 telco port support peripherals including check readers

### Printer

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

### Modem

Standard 14.4kbps modem (Bell 103/212a, CCITT V.21/V.22/V.22bis, 300/1200/2400/14.4k bps, synchronous and asynchronous)

### Wireless Modem

Supports Wide Area Wireless GSM/GPRS on 900/1800 MHz or 850/1900 MHz; CDMA2000 1X on 800/1900, and Local Area Wireless Wi-Fi 802.11b

### Protocols

Application selects between asynchronous protocols (Visa 1, Visa 2, etc) and synchronous protocols (including ISO 8583/SDLCL); IP enabled with optional TCP/IP protocol stack

### Security

PCI PED approved; 3DES encryption, Master/Session and DUKPT key management; VeriShield file authentication; SSL API for secured IP transactions

### Physical

Length: 209mm (8in.)  
Width: 102 mm (4in.)  
Height: 70mm (2.8in.)  
Weight: Device/708g (1.5lbs)

### 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

### Countertop Payment with Wireless Flexibility

- Extends countertop payment to wherever consumers are, opening new market opportunities for you
- Offers a choice of the latest wireless technologies, such as GPRS, CDMA and Wi-Fi for flexible communications

### Familiar, Consistent Platform

- Proven, VeriX-based platform provides seamless fit with merchant's existing VeriFone countertop devices
- Supports payment and value-added applications — 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
- Designed for optimal performance with IP-based transactions
- Dual modem design — wireless, plus dial for back-up operation — offers added dependability

### Exceptional Performance and Ease of Use

- Powerful 32-bit processing, multi-tasking and "always-on" wireless services (local and wide-area) trim transaction times to just a few seconds, even on the most complex transactions such as SSL and EMV-based smart card
- File compression and high-speed IP wireless networks greatly streamline application downloads
- Industry-leading battery performance with large-capacity lithium-ion Smart Battery technology
- Intuitive, ATM-style interface, backlit display, large keys, and bold menu prompts reduce clerk errors and minimize help desk calls
- All-in-one design includes high-speed (18 lines/second) thermal printer, drop-in "clam shell" paper loading
- Standard countertop-sized paper roll minimizes inventory costs and time spent reloading paper

- Vertical, triple-track, high-coercivity card reader handles most magnetic-stripe cards
- Built-in smart card reader and Security Access Modules (SAMs) support multiple smart card solutions and offer added data protection
- Internal PIN pad supports debit and other PIN-based applications

### Advanced Security and Superior Reliability

- Latest security protections include advanced 3DES encryption, Master Key/Session Key and Derived Unique Key Per Transaction (DUKPT) key management, and sophisticated VeriShield file authentication plus tamper resistance
- PCI PED approved for debit and other PIN-based transactions; EMV Level 1 and Level 2 Type approved; Interac certified