

# VX 805

## NEXT-GENERATION CONTACTLESS

VeriFone's VX 805 Contactless PIN pad delivers reliability, usability and next-generation NFC capabilities, all in one amazingly convenient payment device. The VX 805 Contactless allows merchants to process a variety of transactions – with multiple connectivity options – while providing cutting-edge NFC technology for mobile payments. Ideal for large or small retailers, the VX 805 Contactless offers excellent value with full functionality and rock-solid reliability. A non-contactless VX 805 device option is also available.



### STYLISHLY COMPACT, CONVENIENTLY USABLE

- Sleek, ergonomic design that looks stylish and feels good to the touch
- Intuitive, ATM-style interface and large keypad deliver fingertip convenience
- High-resolution, white backlit display and on-screen prompts are readable under all lighting conditions
- Sturdy yet handy, dual-purpose design functions as both a handheld payment device and a countertop PIN pad
- Exceptionally reliable, vertical mag-stripe reader and well-positioned smart card slot reduce read errors

### SECURITY AT ALL LEVELS

- Simple and secure processing of credit, PIN-based debit, EMV-based chip cards and alternative transactions – including NFC/Contactless payments
- Certified with the latest PCI PTS 3.0 security protections – with EMV Level 1 and 2 compliance
- VeriShield Total Protect is incorporated for end-to-end encryption and tokenization
- VeriShield Retain provides sophisticated file authentication to help prevent fraud and misuse and to stop rogue downloads

### SMALL PACKAGE WITH BIG PERFORMANCE

- Delivers powerful performance with lightning-fast 400 MHz ARM11 processor that can handle even the most complex, demanding transactions
- Connects into most POS or retail payment networks through integrated RS-232 serial or USB 2.0 connectivity
- Programmable function keys allow for addition of capabilities and new applications, including revenue-producing, value-added solutions
- Runs off of standard 5 volt USB power for simple and convenient charging
- VeriFone's unsurpassed quality and reliability offer generations of trouble-free service for the greatest long-term value

#### Processor

400 MHz ARM11 32-bit RISC processor

#### Memory

160 MB (128 MB of Flash, 32 MB of SDRAM)

#### Display

128x64 white backlight display supports up to 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; synchronous and asynchronous cards; EMV Approved

#### SAM Card Reader

2 Security Access Modules (SAMs)

#### NFC/Contactless (Optional)

ISO1443 A&B, including MiFare ISO18092 capable  
EMVCo L1 certification  
Support major NFC/Contactless schemes

#### Keypad

3x4 numeric keypad, plus 8 soft function keys and 4 screen-addressable keys

#### Peripheral Ports

Single, multi-port connector that supports RS-232, USB 2.0 device and Ethernet (contactless version only)

#### Security

PCI PTS 3.0 approved; 3DES encryption, Master/Session and DUKPT key management; VeriShield file authentication

#### Physical (Contactless)

Length: 158 mm; Width 83.1 mm; Depth: 31.4 mm;  
Weight: 0.27 kg (0.6 lbs); Shipping: .45 kg (1.0 lbs)

#### Physical (Non-contactless)

Length: 150 mm; Width 86.5 mm; Depth: 27 mm;  
Weight: 0.27 kg (0.6 lbs); Shipping: .85 kg (1.9 lbs)

#### Environmental

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

#### Voltage

5-12VDC, 2.5WMax

