

SOLa™

verifone

# Verifone VX 805 Datasheet



End of Life notice issued for this product as of **November 15, 2020**. Support for this device may be impacted due to limited application enhancement updates.



## Verifone VX 805

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

- 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
- Simple and secure processing of credit, PIN-based debit, EMV-based chip cards and alternative transactions—including NFC/contactless payments
- Programmable function keys allow for addition of capabilities and new applications, including revenue-producing, value-added solutions

## Specifications

### Processor

400 MHz, ARM11 32-bit RISC processor

### Memory

160 MB (128 MB Flash, 32 MB SDRAM)

### Display

128 × 64 white backlit, supports 8 lines × 21 characters

### Card Readers

Triple track MSR, landed smart card, EMVCo-approved

### Contactless

Optional; ISO14443 A&B, MiFare, ISO18092-capable, EMVCo-approved, supports major NFC/contactless schemes

### Peripheral Ports

Single, multi-port connector supports RS-232, USB device, Ethernet

### Security

PCI PTS 3.X-approved

### Power

Voltage: 5-12VDC, 2.5W max

### Environmental

Operating temperature: 0° to 40° C (32° to 104° F); storage temperature: -20° to 60° C (-4° to 140° F); relative humidity: 5% to 90%, non-condensing

### Physical

158 mm (6.22 in.) L × 83.1 mm (3.27 in.) W × 31.4 mm (1.24 in.) D; 0.27 kg (0.6 lbs) weight

### Other Standard Features

2 SAM slots, 3×4 numeric keypad