

VX 805

EXCEPTIONAL INNOVATION. EXCEPTIONAL VALUE.

VeriFone's VX 805 PIN pad provides precisely what you need, and nothing you don't. Enjoy easy usability, solid reliability and all the features required to quickly process a variety of payments. The device is ideal for large or small retailers, includes the latest security protections and offers multiple connectivity options.



Processor

400 MHz ARM11 32-bit RISC processor

Memory

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

Display

128 x 64 white backlight display supports up to 8 lines x 21 characters



Standard
PCI PTS 3.X



Standard
EMV Level 1 and 2



Standard
In Canada

STYLISHLY COMPACT, CONVENIENTLY VIABLE

- Nice touches: an intuitive ATM-style interface and large keypad deliver fingertip convenience
- Bright idea: large, high-resolution white backlit display and on-screen prompts are readable under all lighting conditions – reducing training and minimizing errors
- Programmable function keys let you add capabilities as desired
- Simple and efficient processing of credit, PIN-based debit and other transactions – including EMV-based chip cards

SECURE AT ALL LEVELS

- Welcome peace of mind: relax knowing that the VX 805 has been certified with the latest PCI PTS 3.X security protections
- Very smart: EMV Level 1 and 2 compliance and secure PIN entry protect smart card transactions
- Exceptionally reliable vertical magnetic stripe reader and well-positioned smart card slot reduce read errors
- Incorporates VeriShield Total Protect to provide end-to-end encryption and VeriShield Retain for sophisticated file authentication to help prevent fraud and misuse and stop rogue downloads

BIG PERFORMANCE IN A COMPACT DESIGN

- Stylish and compact: remarkably sleek device can easily be handed to consumers or mounted on countertop stands
- Powerful performance: lightning-fast 400 MHz ARM 11 processor makes quick work of even the most complex transactions
- Connects into any POS or retail payment network through integrated RS-232 serial or USB 2.0 connectivity

Magnetic Card Reader

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

Smart Card

ISO 7816, 1.8V, 3V, 5V; synchronous and asynchronous cards; EMV Level 1 and 2 Type approved; 2 Security Access Modules (SAMs)

Connectivity Options

Single, multi-port connector that supports RS-232, USB 2.0 device

Security

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

Physical

Length: 158 mm; Width 83.1 mm; Depth: 31.4 mm; Weight: 0.27 kg (0.6 lbs); Shipping: 0.45 kg (1.0 lbs)

Environmental

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

Voltage

5-12V DC, 2.5W Max

Contactless Schemes

MasterCard PayPass M/Chip | MasterCard PayPass MagStripe | Visa payWave MSD | Visa payWave qVSDC | Discover Zip | American Express ExpressPay | Pass-through access to ISO 14443-4 and MiFare card, for direct host terminal based application access | Secure SoftSAM

NFC Applications

Support for ISO 18092



<http://vx-evolution.verifone.com/>