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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.

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
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

www.cardknox.com/supported-emv-equipment/