



With EMV chip payment cards, customer data is fully protected and businesses contribute towards the fight against credit card fraud. As of October 1st, 2015, all U.S. merchants are recommended to accept EMV chip payment cards. Businesses risk credit card fraud liability and chargebacks if they are not EMV compliant.

Revel Systems, as a trusted partner, can help bulletproof businesses with EMV compliance. Revel Systems currently supports one EMV compliant device, Verifone VX805, to ensure transactions are always secure.

Verifone VX805

Top of line security

- 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 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.

Speed

Lightning-fast processor makes this PIN pad one of the fastest available. Delivers powerful performance that can handle even the most complex, demanding transactions.

Reliability

Exceptionally reliable, vertical mag-stripe reader and well-positioned smart card slot reduce read errors.

Sleek design

Stylish design with an intuitive and ATM-style interface, large keypad for quick to touch actions, and compact size to take up less counter space.

Ease of use

High-resolution, white backlit display and on-screen prompts are readable under all lighting conditions.

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

Card readers

Magnetic card

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

2 Security Access Modules (SAMs)

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

Dimensions

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)

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

Processor	Supported processors	Gift card hosts
Chase Paymentech Tampa	✓	✓
First Data		
Nashville ISO	✓	
North	✓	
Omaha	✓	
ValueLink		✓
Givex		✓
Global Payments East	✓	
Heartland Payment Systems	✓	
SVS		✓
TSYS	✓	✓
Vantiv St. Pete	✓	✓
Worldpay	✓	✓