

vivo^{pay} 8100

Rich Global NFC mCommerce, EMV, PCI and US VISA TIP* in One Package

First integrated customer-facing solution to allow small and medium size merchants to accept mag-stripe, contactless and mobile phone payments and promotions.

The widespread use of mobile, smart phone and contactless technologies by consumers is changing the way they interact with the world and what they demand from retailers and retailer's systems. Consumers equipped with NFC mobile payment devices will expect even more.

The ViVOpay 8100 is the first platform to provide small and medium sized merchants with the advanced functionality and capabilities required in this new environment. With the ViVOpay 8100 consumers have an intuitive payment process. They can swipe or tap their cards or mobile devices, enter their PIN or signature, respond to prompts and be exposed to real-time offers and promotions through its LCD display in an engaging and interactive payment process. We call it a Point-of-Interaction (POI) device - a new breed of customer-facing terminals.



Benefits

- **PCI-PED 2.1 Certified**
Protect your investment beyond 2014.
- **Powerful New Applications**
Increase revenue and customer loyalty with interactive payment experience and powerful promotions.
- **Multiple Secure Payment Options**
Enables acceptance of existing mag-stripe cards, and highly secure contactless cards and NFC phones – without ever leaving the consumer's hand.
- **Sleek and Modern Design**
Customer-facing small footprint, designed for countertop.
- **Multifunction Point-of-Interaction**
Integrated high contrast LCD display, PINpad.

* Interfaces with third party or VIVOtech solutions: VIVONfc –VIVOWallet, and VIVOplatform –mLoyalty, mTouch, One-Touch, and Top-of-Wallet



The VIVOpay 8100 achieves all this while still meeting or exceeding today's requirements for a top-of-line payment acceptance device. VIVOpay 8100 is 2.1 PCI certified for highest security with optional signature capture. It accepts payments from existing mag-stripe and contactless cards, and supports new NFC mobile phones. Its powerful processor and high capacity memory allow retailers to enable promotions, cross-selling and much more.

* **VISA Technology Innovation Program (TIP)**

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Features

- **All-in-One Integrated Point of Interaction:** Built-in contactless functionality avoids the need for future hardware upgrades.
- **Integrated Mobile Payments and Promotions Module:** Built-in support for NFC mobile payments, marketing and loyalty programs.
- **Supports Multiple Transactions:** Supports PIN and signature-based credit and debit transactions using mag-stripe, contactless ISO 14443, MiFare and NFC.
- **PCI 2.1 Certified:** Highly secure and provides the retailer with protection from obsolescence beyond 2014.
- **Remote Download:** Post-deployment firmware updates via remote download without requiring additional hardware or device resetting.
- **Powerful, Secure, Scalable Processing Engine:** ARM-9, 32-bit processor is a scalable, secure and powerful processing engine with high capacity memory.
- **PINpad:** Tactile keypad meeting requirements for the visually impaired, recessed to provide maximum privacy.
- **Consumer Friendly:** Equipped with integrated high-contrast LCD display, buttons, LEDs and sound to provide visual and audible cues for smooth transactions.
- **Compatibility:** Interfaces to POS and ECR host systems from most leading vendors.
- **Interface Software Development Kit (SDK):** Facilitates rapid integration to Windows 2000/XP/WePOS-based POS applications.
- **Intellectual Property:** Protected by several patent-pending applications.



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Specifications

Contactless:	ISO14443 A and B, MiFare, NFC
Certification:	PCI PED 2.1 (online) MasterCard M/Stripe Visa MSD American Express ExpressPay Discover Zip EMV L1 and L2 certification
Security:	Master Session DUKPT 3DES
Processor:	Secure ARM9 - 32 bit
Memory:	16MB flash, 32MB SDRAM, 2MB Data flash
Display:	2x16 Characters LCD, backlit
Audio:	Multi-tone buzzer
PINpad:	Recessed for privacy 13 tactile keys, ADA compliant
Magnetic stripe:	3 tracks, bi-directional
SAM:	1 (factory option)
Connectivity:	RS232 (powered) USB (powered)
Size (LWD):	7.5 x 5.1 x 1.875 in 190.5 x 129.35 x 47.63 mm
Weight:	0.9 lbs / 0.4Kg
Power supply:	9 to 12VDC or USB 5Volts
Environment:	14 to 158 F / -10 to +70 C
Storage temp	32 to 104 F / 0 to 40 C
Operating temp	10 to 85% non-condensing
Relative humidity	

* Application specifications depend on hardware & software configuration.

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