



# vivopay® 8100

*Easily Enable Existing Payment & ECR Systems with Rich NFC mCommerce and Meet US EMV Requirements for VISA TIP*

**First integrated customer-facing solution to allow small and medium size merchants to accept MagStripe, 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.

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.

## Features and Benefits:

- **Contactless:** Compatible with ISO/IEC 14443 Type A and B, NFC and MiFare® .
- **Applications:** Retail drive-thru, ticketing machines, transit turnstiles/fare collection systems, reload machines for transit system, airport self check-in, parking ticket validation/payment boxes, parking meters and many other inside and outdoor applications.
- **Flexibility:** Controller module and RFID antenna module packaged individually give equipment manufacturers flexibility to integrate contactless payment functionality with their host systems.
- **Remote Download:** Post-deployment firmware updates via remote download without requiring additional hardware or device resetting.
- **Speed:** Enables quick transactions improving vending machine-based.

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



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# ViVOpay 8100™

## Hardware

Contactless:	ISO14443 A and B, MiFare, NFC
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
Power Supply:	9 to 12VDC or USB 5Volts
PIN Pad:	Recessed for privacy 13 tactile keys, ADA compliant
Magnetic Stripe:	3 tracks, bi-directional

## Contactless Transactions

Certification:	PCI PED 2.1 (online), MasterCard M/Stripe, Visa MSD American Express ExpressPay, Discover Zip, EMV L1 and L2 certification
SAM:	1 (factory option)

## Connectivity

Interface:	RS-232 (powered), USB (powered)
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## Physical Dimensions

Height:	7.5 inches
Width:	5.1 inches
Depth:	1.875 inches
Weight:	0.9 lbs / 0.4Kg

## Environmental

Operating Temp:	32 F to 104 F / 0 C to 40 C
Storage Temp:	14 F to 158 F / -10 to +70 C
Relative Humidity:	10% to 85% non-condensing

## United States Sales Office

### Corporate Headquarters

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## ISO 9001 Certified



\* Application specifications depend on hardware & software configuration.

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