



vivo^{pay} 5000m

Contactless, Mobile NFC & Mag-Stripe Payment System with Enhanced Consumer Experience

ViVOpay 5000m interactive display and flexible architecture enable advanced payment programs while supporting legacy magnetic-stripe payments.

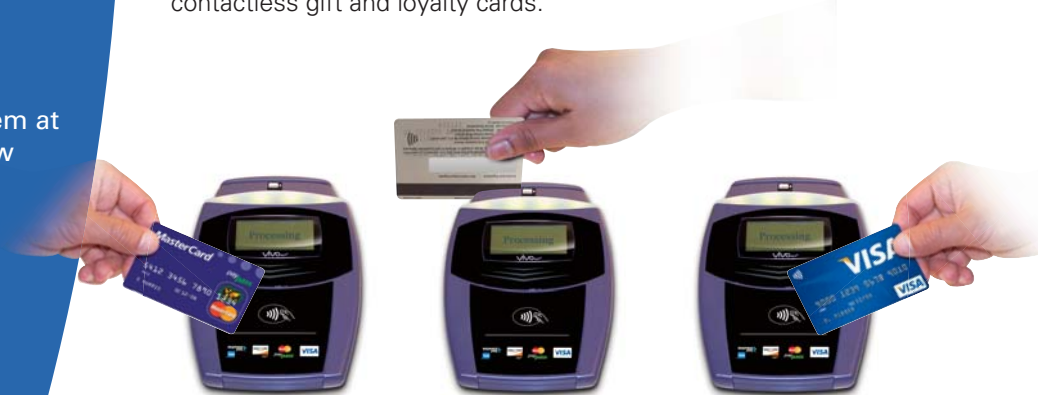
ViVOpay 5000m is a powerful contactless payment reader that can be adapted to existing POS and ECR systems to provide an integrated contactless and MSR functionality as well as an interactive display for customers. The flexible architecture and advanced functionality of the ViVOpay 5000m makes it an ideal solution for emerging mobile commerce and promotion applications based on NFC mobile phone technology.

The ViVOpay 5000m LCD screen allows merchants to display key messages to guide the customer through the payment process, and communicate promotions, incentives and other messaging to consumers using NFC mobile phones or advanced loyalty programs.

ViVOpay 5000m is equipped with a powerful ARM processor enabling it to support multiple payment applications such as EMV-Based OneSmart[®] MasterCard[®] PayPass[™] and Visa[®] payWave qVSDC as well as MSD-based MasterCard[®] PayPass[™], ExpressPay from American ExpressSM, Visa[®] PayWave, Discover[®] Zip[™] and private-label contactless gift and loyalty cards.

Benefits

- **Interactive Display:** Screen prompts guide consumers through the payment process.
- **NFC Mobile Phone Enabled:** Display and flexible architecture make it ideal for NFC mobile payments and promotions
- **Single Point of Acceptance:** Integrated contactless and MSR device accepts cards in a single attractive customer-facing form factor
- **Future-Proof:** Firmware can easily be updated remotely
- **Low Cost:** Upgrade an existing POS system at only a fraction of the cost of installing new contactless-enabled POS.



Single point of acceptance for all major contactless payment cards, key fobs, and NFC phones as well as existing magnetic-stripe cards.

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The flexible architecture and advanced functionality of the vivo^{pay} 5000m make it an ideal solution for emerging mobile commerce and promotion applications based on NFC¹ mobile phone technology



(1) Near Field Communication

Features

- **Contactless:** Compatible with ISO/IEC 14443 Type A and B, NFC and Mifare[®].
- **Magnetic-Stripe:** Track 1 and 2, bi-directional.
- **Compatibility:** Interfaces to a variety of POS and ECR host systems from leading vendors such as VeriFone, NCR, Ingenico, Hypercom, Thales, Gemalto, Radiant, IBM, Sharp, Micros, Partech, Xpient, Compris, Aloha.
- **Implementations:** Retail locations, quick service restaurants, ticket booths, multi-lane merchants, single-lane merchants, hospitality, car rental, and much more.
- **Consumer Intuitive:** Equipped with LCD screen and sound feedback to guide consumers through the payment process.
- **Secure:** Provides highly secure transaction whether financial, pre-paid, loyalty, or gift.
- **Large Customizable Overlay Area:** Large customizable overlay area provides a promotion platform for retailers.
- **Intellectual Property:** Protected by several patent-pending applications.

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Specifications

Hardware

Mag-Stripe:	Track 1 & 2, bi-directional
CPU:	ARM processor 512Kbyte of standard memory
Input Power:	7.5-12VDC, 700mA
Human Interface:	128 x 64 bit graphical display 4 programmable LEDs to indicate power-on and successful read Buzzer

Contactless Transactions

Interface:	13.56MHz ISO 14443 Type A/Type B and Mifare
Payment Applications*:	American Express ExpressPay Discover Zip Mastercard <i>PayPass</i> Mstripe (M/Chip capable) Visa <i>payWave</i> MSD and (qVSDC capable) JCB/Jspeedy
Other Contactless Applications:	vivoWallet 1 Pass-Through mode

Physical

Height:	157.5mm (6.25 in)
Width:	101mm (4 in)
Depth:	30mm (3 in)
Weight:	280g (0.6 lbs)

Environmental

Operating Temp:	0 to 40 C (32 to 104 F)
Storage Temp:	-18 to 70 C (0 to 158 F)
Operating Humidity:	20% to 90% non-condensing

*Specific product specification will depend on hardware and software configuration

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