



# ViVOpay<sup>®</sup> 5000

*Enhanced Consumer Buying Experience  
Powerful New Applications*

**ViVOpay 5000's interactive display and flexible architecture provide powerful tools for merchant contactless programs.**

ViVOpay 5000 is a powerful contactless reader that can be adapted to existing POS systems to provide advanced contactless functionality and an interactive display for customers. The LCD screen allows merchants to display key messages to guide the customer through the payment process, freeing up the clerk for other activities like bagging items for the customer.

The ViVOpay 5000 is also capable of "remote download" to update its firmware applications without the need of local intervention. This capability combined with larger memory provides a truly future-proofed solution for advanced contactless applications.

ViVOpay 5000 readers have been deployed in many different countries such as Canada, Guatemala, Japan, Malaysia, The Philippines, Singapore, Taiwan, Thailand and many more. ViVOpay 5000 is compatible with EMV-based programs such as Visa<sup>®</sup> payWave, OneSmart<sup>®</sup> MasterCard PayPass<sup>™</sup>, OneSmart<sup>®</sup> MasterCard Pre-Authorized and ExpressPay from American Express<sup>SM</sup> in addition to private-label contactless gift and loyalty cards.

## Features and Benefits:

- **Interactive Display:** Guides consumers through the contactless payment process with intuitive screen prompts
- **Additional Applications:** Expandable memory slot for additional applications or quick offlinetransactions.
- **Future-proof:** Firmware and application can easily be updated remotely.
- **Speed and Convenience:** Speed up the transaction time at the checkout.
- **Low Cost:** Upgrading existing POS systems costs only a fraction of the cost for new contactless-enabled POS.
- **Contactless:** Compatible with ISO/IEC 14443 Type A and B, NFC, Mifare<sup>®</sup> and Sony<sup>®</sup> Felica<sup>®</sup>.
- **Secure:** Particular attention has been paid to provide a highly secure transaction whether financial, pre-paid, loyalty, or gift.



LCD displays important messages in roman letters or graphic characters

# ViVOpay 5000™

## Hardware

Processor:	32-bit ARM7 processor
Memory:	512 Kbyte Standard Memory
Audio-Visual:	128 x 64 bit LCD display, Beeper and LEDs
Input Voltage:	7.5V-9VDC

## Contactless Transactions

Interface:	13.56MHz ISO 14443 Type A/Type B and MiFare
Payment Applications*:	American Express ExpressPay, Discover Zip, Mastercard PayPass Mstripe and M/Chip, Visa payWave MSD and qVSDC, JCB/Jspeedy
Other Contactless Applications:	VIVOpay Pass-Through mode

## Connectivity

Interface:	RS-232
Firmware upgrades:	Remote firmware download

## Physical Dimensions

Height:	5.25 inches (133.3 mm)
Width:	4 inches (101 mm)
Depth:	1 inch (25.4 mm)

## 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

## United States Sales Office

### Corporate Headquarters

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## ISO 9001 Certified

The ViVOpay 5000 can be updated remotely with new applications and has large memory and processing power for future payment programs.



\* Application specifications depend on hardware & software configuration.

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