



# vivo<sup>tech</sup> pay<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.

ViVOpay 5000 is also equipped with expandable memory allowing for additional contactless applications such as gift, loyalty, payment applications or add-on memory for high-speed offline transactions at heavy traffic cash merchants.



ViVOpay 5000 readers have been deployed 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.

### Benefits

- **Interactive Display:** Guides consumers through the contactless payment process with intuitive screen prompts.
- **Additional Applications:** Expandable memory slot for additional applications or quick offline transactions.
- **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.



*LCD displays important messages in roman letters or graphic characters (supports Malay, Chinese, Japanese, Korean and much more).*



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



## Features

- **Contactless:** Compatible with ISO/IEC 14443 Type A and B, NFC, Mifare® and Sony® Felica®.
- **Compatibility:** Interfaces to a variety of POS and ECR host systems from leading vendors such as VeriFone, Ingenico, Hypercom, Lipman, Axalto, Dione, NCR, Radiant, IBM, Sharp, Micros, Partech, @POS, xpient, Compris, Aloha.
- **Expandable Memory Slot For:**
  - **Additional SD memory:** Option to add 16, 32, 64 or 128 Mb memory.
  - **WIFI Card:** Wireless connectivity for flexible implementations.
  - **Combi Card:** SD Memory/WIFI combi card also available.
- **Contact Smartcard Reader:** Backward compatibility with additional contact smartcard reader.
- **Implementations:** Retail locations, 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 buying process.
- **Secure:** Particular attention has been paid to provide a highly secure transaction whether financial, pre-paid, loyalty, or gift.
- **Large Customizable Overlay Area:** Large customizable overlay area becomes a selling point for retailers.
- **Intellectual Property:** Protected by several patent-pending applications.

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## Specifications

### Hardware

Processor:	32-bit ARM7 processor
Audio-Visual:	128 x 64 bit LCD display Beeper and LEDs
Memory:	512 Kbyte Standard Memory
Options:	SD Memory Expansion
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
Other Contactless Applications:	ViVOWallet 1 Pass-Through mode

### Connectivity

Interface:	SerialRS232
Firmware upgrades:	Remote firmware download

### Physical

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

### Environmental

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

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