ViVO*pay*® 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® payWave, OneSmart® MasterCard *PayPass*™, OneSmart® MasterCard Pre-Authorized and ExpressPay from American Express℠ in addition to private-label contactless gift and loyalty cards.

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

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 transactons.

- **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.

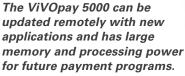**IDTECH®**

Value through Innovation

ViVOpay® 5000

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.

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

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 JCB/Jspeedy
Other Contactless Applications:	ViVOcard Pass-Through mode

Connectivity

Interface:	SerialRS232
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
Storage Temp:	-18 to 70 C (0 to 158 F)
Operating Humidity:	20% to 90% non-condensing

* Application specifications depend on hardware & software configuration.

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