



vivo^{tech} 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.

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.



With ViVOPay 5000, retailers will be able to start accepting contactless cards and key fobs; generating 20% larger ticket value and a 20% shift from cash and checks*. 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.

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.
- **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 Malaysian, Chinese, Japanese, Korean and much more).



(*) Transaction World Magazine "Contactless Payment Solutions - MasterCard PayPass" January, 2004 American Express "ExpressPay from American Express" Smart Card Alliance SmarTalk July, 2004

vivo^{pay} 5000



VivoPay 5000 supports multiple contactless payment programs such as OneSmart® MasterCard® PayPass™, Visa® Wave, Expresspay from American ExpressSM and private label prepaid and loyalty initiatives.

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

Contactless Interface:	13.56 MHz ISO 14443 Type A/B Mifare®
CPU:	ARM Processor
Memory:	512 Kbyte Standard Memory
Options:	SD Memory Expansion Smart Card Reader
LCD Screen:	128 x 64 bit graphics display

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

Power

Voltage:	120 VAC, 60 Hz (US) 220 VAC, 50 Hz (International)
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