



# vivopay<sup>®</sup> 4000

## Functional and Physical Integration of Contactless Payments into POS and ECR Systems

**ViVOpay 4000 integrates physically into existing and new systems by a variety of mounting options.**

The ViVOpay 4000 contactless payment device adapts easily to a wide variety of existing Point of Sale (POS) terminals and Electronic Cash Register (ECR) systems providing for physical and functional integration with the merchant system and check-out lane.

The small footprint (5" x 4.2" x 0.7") and flexible design of the ViVOpay 4000 was crafted to give merchants a variety of mounting options and provide for complete visual integration.



*ViVOpay 4000 on a window mount*

With ViVOpay 4000, merchants with digital signature pads and customer or clerk-facing POS or ECRs systems 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 4000 is certified for MasterCard<sup>®</sup> PayPass<sup>™</sup>, Visa<sup>®</sup> contactless, ExpressPay from American

Express<sup>SM</sup> and Discover contactless payment programs in addition to private-label contactless gift and loyalty cards.



*Retailers, Banks, ISO's, and Processors can co-brand ViVOpay 4000 with their own logo.*

### Benefits

- **Easy Integration:** Adapts to POS and ECR systems providing for functional and physical integration.
- **Revenue Increase:** Contactless payments generate ticket uplift and increased card usage.
- **Speed and Convenience:** Rapid check-out time during peak hours.
- **Low Cost:** Upgrading existing POS systems costs only a fraction of replacement for new contactless-enabled POS.
- **Custom Branding:** Co-brand contactless reader with your own message.



(\*)Smart Card Alliance white paper: "Contactless Payments: Delivering Merchant and Consumer Benefits" April 2004

# vivo<sup>pay</sup> 4000



Verifone Omni 3750®



Hypercom T4100®



Micros Ultra®



Ingenico 5100®



HHP 3101®



Lipman Nurit 8320®

The small footprint and flexible design of the ViVOpay 4000 was crafted to give merchants a variety of mounting options and provide for complete visual integration to POS or ECRs systems.

## Features

- **Contactless:** Accepts transactions from consumers using ISO/IEC 14443 Type A and B, NFC, and Mifare cards and key fobs.
- **Compatibility:** Interfaces to a variety of POS and ECR host systems from leading vendors such as VeriFone, Ingenico, Hypercom, Lipman, NCR, Radiant, IBM, Sharp, Micros, Partech, @POS, xpient, Compris, Aloha.
- **Speed:** Enables quick transactions improving store productivity and operational efficiencies.
- **Implementations:** Retail locations, ticket booths, multi-lane merchants, single-lane merchants, hospitality, car rental, and much more.
- **Consumer Intuitive:** Equipped with LEDs and sound to provide visual and audible cues to enable smooth and seamless transactions.
- **Flexible install:** Direct serial connection, Dynamic Strip™ and ViVOsmartcable™ technologies allow for flexibility when connecting to ECR and POS systems.
- **Secure:** Secure Transactions with ISO/IEC 14443 Type A/B chip cards in conjunction with dynamic CVV/CVC.
- **Intellectual Property:** Protected by several patent-pending applications.

## Specifications

### Hardware

Contactless	13.56 MHz
Interface:	ISO 14443 Type A/B, Mifare®, NFC

### Physical

Height:	(Unfolded) 5 inches (125.0 mm) (Folded) 2.5 inches (62.5 mm)
Width:	(Widest) 4.2 inches (105 mm)
Depth:	.7 inches (10 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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