



vivo^{pay} Kiosk

Add-on Contactless Payment Module for New and Exciting Kiosks

ViVOpay Kiosk Module Enables Contactless Payments Without Re-Certification of the Host System

ViVOpay Kiosk is a bolt-on external reader module that can be easily added to existing and new Kiosk systems to add new contactless payment functionality. The ViVOpay Kiosk's compact design and rugged weather-proof construction allows it to be used in self-ordering kiosk systems in public transit, air travel, parking and retail, as well as turnstiles, parking meters and more.

The ViVOpay Kiosk is certified with most contactless payment programs such as MSD-based MasterCard® *PayPass*®, ExpressPay® from American Express®, Visa® *PayWave* and Discover® *Zip*™ and capable of EMV-Based OneSmart®, MasterCard® *PayPass*® and Visa® *payWave* qVSDC. A host system with ViVOpay Kiosk would be enabled with contactless payment functionality without the need to go through lengthy re-certification.

The ViVOpay Kiosk also supports contactless ticketing functionality such as used in most transit systems worldwide as well as NFC mobile phone payments and promotions. Its powerful ARM processor and remote download capability allows for future scalability and updates. Operators can rest assured that the investment of today will support the developments in contactless payments of the future.

Benefits

- **Contactless Payments Certified:** Host system doesn't need to go through lengthy re-certification.
- **Easy Integration:** Easy bolt-on installation on most Kiosks and Turnstiles.
- **Outdoor/ Indoor:** Rugged weather-proof design to fit needs of most unattended operators.
- **Future-proof:** Application can easily be updated remotely.
- **Additional Applications:** Equipped with new powerful ARM processor for advanced contactless functionality.



Single point of acceptance for all major contactless payment cards, key fobs and NFC phones.

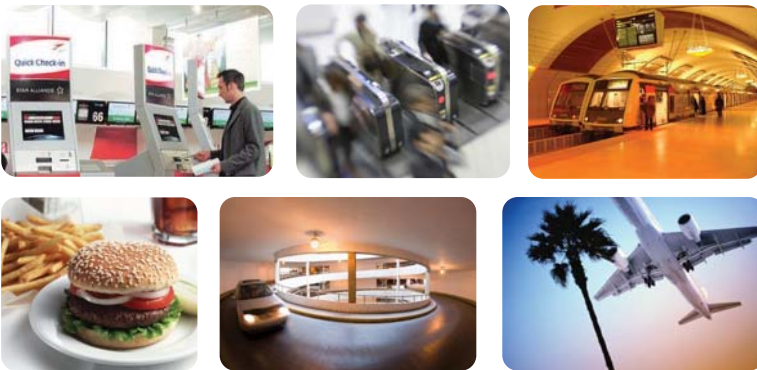
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Features

- **Contactless:** Compatible with ISO/IEC 14443 Type A and B, NFC and MiFare®.
- **Applications:** Retail drive thru, ticketing machines, transit turnstiles / fare collection systems, reload machines for transit systems, airport self check-in, parking ticket validation/payment boxes, parking meters and many other inside and outdoor applications.
- **Remote Download:** Post-deployment firmware updates via remote download without requiring additional hardware or device resetting
- **Easy Integration:** RS232 connectivity combined with ViVOtech serial interface.
- **Speed:** Enables quick transactions improving vending machine-based sales
- **Consumer Intuitive:** Equipped with LEDs and sound feedback to guide consumers through the payment process.
- **Secure:** Provides highly secure transaction whether financial, ticketing, pre-paid, loyalty, or gift.
- **Intellectual Property:** Protected by several patent-pending applications.

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Specifications

Hardware

Processor:	ARM processor
Audio-Visual:	Beeper and LEDs
Input Power:	7.5-45VDC, 700mA

Contactless Transactions

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

Connectivity

Interface:	Serial RS-232
Firmware upgrades:	Remote firmware download

Physical Dimensions

(excluding mounting frame)

Height (X):	107.4 mm
Length (Y):	78.0 mm
Width (Z):	31.5 mm
Weight:	280gm (0.6lbs)

Environmental

Operating Temp.:	-13F to +158F (-25C to +70C)
Storage Temp.:	-40F to +185F (-40C to +85C)
Operating Humidity:	10% to 90% non condensing
Other:	Weather-proofed UV-rated plastic enclosure

*Specific product specification will depend on hardware and software configuration.

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