ViVOpay® 4800

Easily Enable Existing Payment & ECR Systems with NFC

ViVOpay 4800 enables the next generation of merchant loyalty, couponing, and mobile payments.

The ViVOpay 4800 contactless reader takes Near Field Communications (NFC) to new levels, enabling not only next generation payment acceptance such as contactless EMV but also adding one-tap check-out from Google Wallet, Softcard, and Apple Pay. ViVOpay 4800 allows for loyalty, and couponing solutions for merchants and retailers worldwide in just a one-tap. Its large 16 MB application memory can accomodate emerging contactless and NFC standard applications, and the unique form factor allows users to easily upgrade their existing payment solutions to accept NFC applications.

Real-time, touch-based, in-store personal marketing, merchandising and loyalty applications are the new tools benefiting merchants and consumers alike by creating easier and faster checkout while delivering increased savings and improved loyalty to customers.
The ViVOpay 4800 allows merchants to drive their customer loyalty and incentive programs using NFC enabled mobile apps.

ViVOpay 4800 meets the requirements of contactless EMV and supports a variety of contactless payment applications including, Apple Pay, Google Wallet, Softcard, MasterCard PayPass, Visa VCPS, American Express Expresspay, Discover DPAS, and more.

Contactless NFC

The ViVOpay 4800 scalable architecture supports all major contactless payment programs available today and is ready for the developments of tomorrow.

Features and Benefits:

- **mCommerce Enabled:** Complete mCommerce solution supports payments, coupons, rewards, and loyalty programs.

- **Enhanced Customer Relations:** Increase customer loyalty and reduce the cost of doing business.

- **Ease of Use:** Simple to integrate expanded contactless experience to deliver one-tap checkout including payment, coupon, reward, and loyalty solutions.

- **Customizable Integration:** Flexible configuration of each contactless application allows adaptation to market needs.

- **Future-Proof:** Large application memory, contactless EMV and NFC mCommerce ready to meet customer demand.

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ViVOpay® 4800 ™

Hardware

Processor:	Secure 32-bit ARM9 processor, with Linux support
Memory:	32 MB RAM, 16 MB Flash, 2 MB Data Flash
Audio-Visual:	Buzzer & LED
Input Voltage:	9VDC to 12VDC, 0.5A max

Contactless Transactions

Interface:	13.56MHz ISO 14443 Type A, Type B, and MiFare. ISO 18092* Support
Payment Applications*:	American Express ExpressPay, Discover DPAS, MasterCard PayPass, Visa VCPS, InteracFlash
Other Contactless Applications:	Apple Pay, Google Wallet, Softcard, Visa Wave*, Pass Through mode

Connectivity

Interface:	USB and RS-232
Data Transfer Rate:	Configurable up to 115200 bps
Firmware upgrades:	Remote firmware download

Physical Dimensions

Height:	Unfolded --5 inches (125.0 mm)
	Folded --2.5 inches (62.5 mm)
Width:	Widest --4.2 inches (105.0 mm)
Depth:	0.7 inches (10mm)

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% relative humidity, non-condensing

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* Application specifications depend on hardware & software configuration.