

ISO 18092 Contactless Device

The ViVOpay Kiosk III is a flexible stand-alone contactless reader comprised of a compact controller module and an RFID antenna module packaged individually giving equipment manufacturers flexibility to integrate contactless payment functionality with their host systems. The design approach allows the controller module to be easily installed within minimal footprint and effort in a customer-facing locations.

The ViVOpay Kiosk III is certified with most contactless payment programs such as MasterCard® MCL, AMEX® ExpressPay, Visa® VCPS and Discover® DPAS. It also supports Apple Pay, Android Pay, and other mobile wallets. In most cases a host system with the Kiosk III will be enabled with contactless payment functionality without the need to go through lengthy re-certification.

The ViVOpay Kiosk III also supports contactless ticketing functionality such as used in most transit systems worldwide as well as NFC mobile phone payments and promotions. It's 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.



Features and Benefits:

- **Contactless:** Compatible with ISO 14443 Type A & B Mifare and ISO 18092 NFC compatible phones.
- **Applications:** Retail drive-thru, ticketing machines, transit turnstiles/ fare collection systems, reload machines for transit system, airport self check-in, parking ticket validation/ payment boxes, parking meters and many other inside and outdoor applications.
- **Flexibility:** Controller module and RFID antenna module packaged individually give equipment manufacturers flexibility to integrate contactless payment functionality with their host systems.
- **Speed:** Enables quick transactions improving vending machine-based.
- **Supports TDES Encryption.**
- **DUKPT Key Management.**



Square Bezel Antenna

Small Footprint for applications with limited space or flush mounting.

• Contactless NFC



Angled Bezel Antenna

For a more integrated application and increased tamper resistance.

• Contactless NFC

Specifications

Hardware

Processor:	ARM Processor
SAM's:	2
Audio-Visual:	Beeper and LEDs
Input Power:	7.5 - 36VDC
Working Current:	<500mA

Contactless Transactions

Interface:	13.56MHz ISO 14443 Type A/Type B, MiFare and ISO 18092
Payment Applications*:	AMEX Expresspay, Discover DPAS, MasterCard MCL, Visa VCPS, Interac, Flash, and PBOC
Mobile Payments:	Android Pay, Apple Pay, Samsung Pay, and other mobile wallets Major Loyalty Programs

Connectivity

Interface:	RS-232, USB
Firmware upgrades:	Remote firmware download

Physical Dimensions

Square Bezel Antenna:

Length (Y):	75.1 mm (2.95 inches)
Width (X):	60 mm (2.36 inches)
Depth (Z):	17.62 mm (0.69 inches)
Weight:	0.30lb (136.08g)

Angle Bezel Antenna:

Length (Y):	96.2 mm (3.787 inches)
Width (X):	82.3 mm (3.24 inches)
Depth (Z):	17.62 mm (0.69 inches)
Weight:	0.35lb.

Controller:

Length (Y):	105 mm (4.13 inches)
Width (X):	76.2 mm (3.00 inches)
Depth (Z):	22.5 mm (0.88 inches)
Weight:	0.15lb (68.04g)

Environmental

Operating Temp:	-13°F to 158°F (-25°C to 70°C)
Storage Temp:	-22°F to 185°F (-30°C to 85°C)
Operating Humidity:	10% to 90% non condensing
Other:	Weather-proofed UV-rated plastic enclosure

United States Sales Office

Corporate Headquarters

10721 Walker Street
Cypress, CA 90630
Phone: (714) 761-6368
Toll Free: (800) 984-1010
Fax: (714) 761-8880
sales@idtechproducts.com

International Sales Offices

Asia

+866-3-326-5988 (Taiwan)
asia@idtechproducts.com.tw

Canada

+416-519-8529
brents@idtechproducts.com

South America

+55-11-3079-2255
internationalsales@idtechproducts.com

Europe, Middle East and Africa

+011 44 1925 269550
emea@idtechproducts.com

ISO 9001 Certified

ISO 14001 Certified



SRED Controller Module top



SRED Controller Module bottom

* Application specifications depend on hardware & software configuration.



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