



trio

Modular 3-in-1 Cashless Payment Reader Tap | Swipe | Chip

TRIO reader is a modular payment device that can support up to three cashless payment interfaces in one small stylish enclosure.

The reader is specifically designed for installation on vending machines to allow cashless payment with magnetic payment cards, as well as proximity, vicinity, and contact EMV payment cards.

Features

- ▶ Accepts cashless payment methods:
 - › Tap - Contactless including mobile NFC
 - › Swipe - Magnetic stripe
 - › Chip - Contact EMV
- ▶ Designed to fit standard vending machines and comply with EVA mounting requirements
- ▶ EMV certified
- ▶ TRIO is delivered with a comprehensive SDK, allowing complete control of the reader's behavior
- ▶ Easy installation and maintenance.
 - › Modular EMV Contact add-on
- ▶ Designed for indoor and outdoor installations
- ▶ Apple Pay® and Android Pay® compatible



Supported Applications:



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SPECIFICATIONS

trio

EMV

- › Contact EMV L1, L2
- › Contactless EMV L1

VISA®

- › VISA PayWave MSD V2.11
- › VISA PayWave qVSDC V2.11
- › NDOT over VISA for mass transit
- › VISA Global Transit Payment Pilot Specification V1.2
- › VISA Pilot Visa PayWave Ticketing Extension Specification – VISA Integrated Universal Data Storage V1.3
- › VISA Asia Pacific WAVE 2

MasterCard®

- › MasterCard PayPass M/Chip V3.0.2 (including Data Exchange module)
- › MasterCard PayPass Mag-Stripe V3.3
- › NDOT over MasterCard for mass transit

Other Payment Specifications

- › AMEX ExpressPay® V3.0.1
- › Discover ZipNetwork® V2.13
- › INTERAC Flash® V1.4
- › Apple Pay®
- › Android Pay®

Mifare

- › Mifare Classic, Ultralight, Desfire

Other

- › Magnetic Stripe Card - ISO/IEC 7811, 7813, Track 1 + Track 2

Transparent (Pass-Through) Communication

- › ISO/IEC 14443 Type A - Transparent Proximity
- › ISO/IEC 14443 Type B - Transparent Proximity
- › ISO/IEC 15893 Vicinity (Optional) - Transparent Vicinity
- › Transparent Mifare

Mechanical

› Dimensions & Weight:

	Height	Width	Depth	Weight
W/O contact module	105.8 mm	82 mm	37 mm	212 gr.
With contact module	105.8 mm	90 mm	37 mm	212 gr.

Environmental

- › Operating Temperature: -30°C to 70°C (-22°F to 158°F)
- › Water Resistance: IPX5



Model Name: SATURN 6500

SDK available for:



About On Track Innovation (NASDAQ: OTIV)

On Track Innovations (OTI) is a global leader in the design, manufacture and sale of secure cashless payment solutions using contactless NFC technology with an extensive patent and IP portfolio. OTI's field-proven innovations have been deployed around the world to address cashless payment and management requirements for the Internet of Payment Things (IoPT), wearables, automated retail and petroleum markets. OTI distributes and supports its solutions through a global network of regional offices and alliances.

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CIRCUMVEND™ B2B Vending Machine Monitoring System

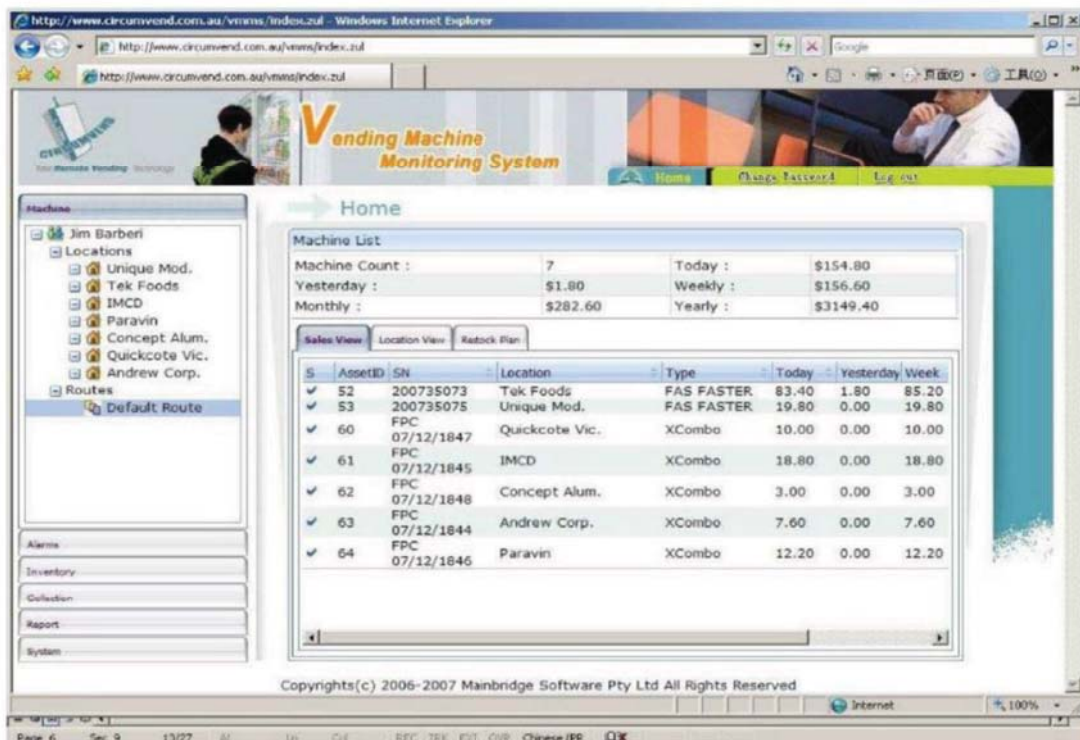
The **Back-2-Base (B2B)** Telemetry System allows you to take control of your vending machine business and operations by allowing you to monitor your vending machine(s) from any computer that has an internet (wireless or Ethernet) connection.

B2B allows you to **save time and money whilst increasing sales turnover** by allowing the following beneficial tasks:

- View the real-time inventory in your machines.
- Receive instant alerts if your machine is running low on products.
- Monitor the health of your machines, power failures, coil breaks, temperature failures, coin mechanism failures etc.
- Create sales reports to improve your knowledge of product placements and consumption patterns.
- Create efficient and time-saving restock lists, so your drivers know exactly when and where to go and what to take with them.

The B2B vending machine monitoring system uses a standard data terminal unit (DTU) to read audit data from the vending machine through the data exchange (DEX) protocol before uploading the data to the server through a GPRS network (GSM Packet radio).

A product barcode is widely used for tracking trade items in stores. The barcode (with its numerical reference underneath the barcode) is found on the item itself.



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