

MICROTRONIC US

cashless systems



Microtronic participated with the 2004 and 2006 Olympics.

MICROTRONIC participated with Coca Cola and the International Olympic Committee it supply all the athletes with free drinks!

Offering you the **New Age of Vending and Micro Markets**

The Most Technologically
Advanced System in the World!

***MICROTRONIC US** has been in
business for over 30 years and is
the Major Cashless supplier
around the world.*

MICROTRONIC US Prepaid Cashless Options **ID Badges**

- Access Control to any Door or Gate
- Integration with Time/Attendance Clock
- Photocopiers
- Cash /Cashless Registers
- Micro Markets

Key • Tag • Armband or Card

MICROTRONIC US utilizes Mifare Classic, Mifare Plus and Desfire which are the most widely installed "Smart Card" technologies for closed environments. More than 4 billion smart cards and more than 5 million reader components are in use globally. MICROTRONIC US has a huge worldwide customer base using the existing MICROTRONIC Mifare solution which is especially designed for in-house vending. Mifare conforms to the international ISO 14443 RFID.



As a pioneer of integrated business solutions MICROTRONIC deployed multi-functional prepaid cashless vending systems more than 30 years ago.

The system is based on a "Smart Chip" inside which holds the memory of the user and their money.

An existing installation can easily be upgraded to include additional MICROTRONIC applications.

CASHLESS VENDING

MICROpay6

C3 Bezel



QR
Camera

EMV
Compliant

- **Accepting newest contactless media (ISO 14443-A/B, NFC)**
- **Specialized prepayment application offers financial flexibility**
- **Compatible with almost every vending machine model**
- **Compliant to all vending protocols (MDB, EXEC)**
- **Managing any cash device (coins, bills) and MDB cashless reader**
- **Complete coin tubes management of connected MDB coin acceptor**
- **Combo Specials between up to 8 machines**
- **Controlling all cash and cashless transactions as well as EVA-DTS statistics**
- **Integrated Infrared interface for EVA-DTS audits**
- **Memory interface to collect EVA-DTS and user transactions**
- **High capacity real-time clock supporting time-based loyalty reward programs**
- **Full speed USB port for convenient system management**
- **On-board Ethernet telemetry interface**
- **Connection to real-time telemetry application via Ethernet/ Wi-Fi/ GPRS/ EDGE**
- **Optional C3 Bezel accepting all forms of Contactless payments including our optional new QR Code reading Camera for more special functions**
- **Accepting newest contactless media (EMV Contactless, NFC Phones, NFC Stickers)**

READER COMPONENTS



Combo
Specials



Msmart6



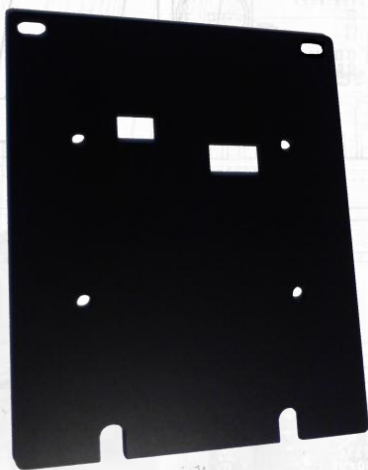
MBH Antenna Head



Entry product offering premium Cashless Vending

- *Accepting newest contactless media (ISO 14443-A/B)*
- *Specialized prepayment application offers financial flexibility*
- *Compatible with almost every vending machine model*
- *Compliant to all vending protocols (MDB, EXEC)*
- *High capacity real-time clock supporting time-based loyalty reward programs*
- *Full speed USB port for convenient system management*
- *Memory interface to collect EVA-DTS and user transactions*

Smart technology – high functionality – affordable investment



Our pre-drilled universal Knock-out plate makes installation quick and easy. The entire process takes less than 10 minutes.

Cash and/or Credit Card loading give your customers the advantage of Credit Cards without the high fees and need to have a reader on each machine.

**Fees
under
2.5%**



MDD6 The new MICROTRONIC Data Device



Only
5" x 2 3/4" x 1 1/4"

DEX

- *MDD6 is a new handheld to completely manage the G6 reader bank*
- *The perfect tool for Route and Service personnel – no need to take a Laptop*
- *Programming and data readout via cable, IrDA, NFC*
- *Upload Sales statistics, Individual transactions or support package files*
- *Download parameters, price lists, or firmware*
- *Price list modifying directly in the reader*
- *Backwards compatible for G5 readers for reading Sales Statistics*
- *Data transfer and battery charging via USB*
- *4 GB of memory for reading out the entire vending machine bank*
- *Battery time 10 hours in continuous operation*
- *Runs on 3 rechargeable AAA batteries*

DEX HANDHELD



NFC / Cable HF



MDS / Cable Stereo Jack



Power supply USB cables



Micro Market Success

The only system that can work with both Market and Vending using one of our Smart Media choices.

****Now with the option of using only an Account Number and PIN****

We also have high quality - low price cabinetry!

Integration with Lightspeed!



**Multiple
"Footprints"
to choose from!**



Now offering "B.Y.O.M"
Build Your Own Market
with our components
and back office software
with complete reporting!

Advertising
and
Promotions

Cashless
Payments

**ONE CARD
DOES IT ALL!**

Combo
Specials

ADA and PCI
Compliant



Benefits . . .

- Compact, yet robust design – all Contactless - NO moving parts!
- MDB interface with machine, coin acceptor and bill validators – plug & play.
- Multiple integration into all aspects of any company, large or small.
- Wider variety of end user media to choose from.
- Each media can have 4 different price points.
- Fewer service calls due to less work by changer and bill validators.
- Cashless vends are much faster which means shorter lines.
- Less counting at the back office.
- Discount prices can be used with Cashless purchases.
- Money can be loaded directly at the vending machine or can be Payroll Deducted or at a separate Loading Station with cash and/or Credit and Debit Cards.
- Management can give “electronic” tokens or add money to anyone or any department.
- Cashless vends are still active when change machines go down.
- Less inventory in Change machines needed or no Change machines.
- Special Time Windows can allow discounts or free vends for early attendance, holiday workers, safety awards, etc. They can also be used to add money daily, weekly, or monthly automatically.
- Price increases can be done in pennies instead of nickels.
- Integration into POS, Micro Market, Access Control, Time / Attendance



POS



MBH on the Outside



Msmart6 on the Inside MDB



Mifare



Only with MICROTRONIC can you incorporate Vending, Access Control, Time/Attendance, Photocopiers, Cash Registers, Lockers, Kiosks, with so many choices, including ID Badges.

MICROTRONIC US.....to always be one step ahead!

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READER COMPONENTS