mdbpro

The future of Vending Machine Control

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The nomenclature MDBPro refers to this devices unique function - Multi Drop Bus to Modbus Programmable Interface and describes a new approach to vending machine control. It replaces the legacy approach of proprietary control boards with the concept of separating monetary and mechanical tasks to 2 devices best suited for the job.

Use the MDBPro to control the bill validator and coin changer while choosing a Programmeable Logic Controller or a pulse operated Smart Relay to handle the mechanical transaction.

This approach enables faster development of custom vendors and features while reducing the inventory of parts required to service and maintain varied machines.

Key Features:

- Compatible with all MDB and most Modbus Devices
- Supports Multi or Single Vends
- Menu Based Setup
- Audit Trail - Cash and Sales counters

High contrast LCD display for customers

- Easy to read even in bright sunlight
- Anti glare screen

MDBPro Highlights:

- 2 LCD screens for Owner and Customer interface
- Field updatable Firmware
- Ease of installation
- DataWrx support and a local- presence
- Works with a PLC or as a Stand Alone device

TECH SPECS:

- DIn rail mounted
- SMPS power supply
- Quick disconnects for easy installation
- Solid State relays on Outputs
- Isolated digital inputs - accept AC or DC voltages
- Compatible with all MDB level 1,2 & 3 devices
- MODBUS serial communications - user configurable

Compared to other devices

Feature	MDBPro	Others
Audit trail	**Yes** *The MDPro keeps track of your sales count, sales value, cash in bills & coins and sales via token and credit card*	NO
Menu based system settings	**Yes** *The dual LCD and menu buttons make setting prices and features easy as 1-2-3*	NO
Update Software in the field	**Yes** *Download the latest software and update in the field with a laptop and update kit*	NO
Cash back	**Yes** *Return the customers money if a vend fails*	NO
Multi Vends including Credit Card	**Yes** *Supports multi vend with any device* *Switch between Mutli vend or Single vend via a simple Menu option*	NO
Price Display	**Yes** *Press any product button without Credit to see the vend price*	NO
Eight Price Lines	**Yes** *MDBPro supports eight price lines for multiple products at the same machine.*	NO
Error Status Display	**Yes** *Owner screen displays details of coin changer or bill acceptor errors and their cause for easy diagnostics.*	NO
Monitoring System Compatible	**Yes** *Combined with a monitoring system the MDBPro enables you to remotely view every detail of your Cash and Cashless devices*	NO
Aluminum enclosure	**Yes** *A robust aluminum enclosure provides protection from the elements and accidents*	NO
Value cards	**Yes** Supports value cards via the credit card reader	Maybe

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