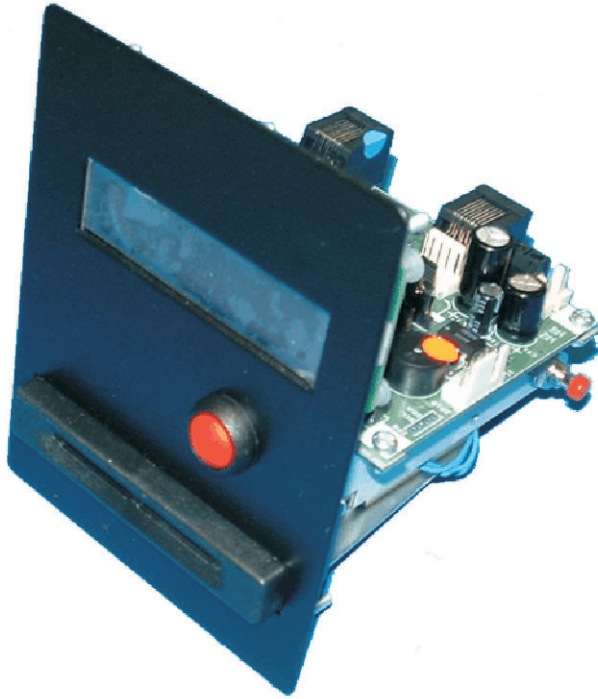


SM6 Vending Machine Module



SM6 Vending Machine Module

The SM6 Vending Module is a robust, self contained unit which allows electronic payments on electronic vending machines using the MDB or Protocol-A (also known as Exec or Mars protocol).

The unit fits in the bank note acceptor slot on a vending machine and is retained by 4 nuts.

The unit has been equipped with an integral Real Time Clock (RTC) with independent battery to allow time switching between different operating modes (i.e. Cash only or cash and card operation or card only mode).

A card eject button operating a solenoid eject soft landing card acceptor with optional shutter and 2 line backlit LCD display allow a simple user interface.

The module can accept both contact (ISO7816) and contactless (ISO14443) cards and can act on the card purse directly or interface to a back-end server for purse and credit details.



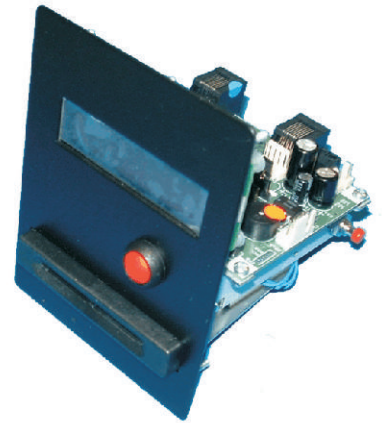
SM6 Vending Machine Module



Applications:

Schools Vending Machine: Can be used in card only mode during the school day to eliminate cash and to operate with both card and cash during other periods when facilities are hired out

GIS can supply full customisation and build of terminals including branding and logos. Please contact GIS for further details.



Hardware Specification

- 8-bit single chip microcontroller
- 1280 bytes internal RAM
- 64k bytes internal Flash memory (program)
- Up to 32k bytes internal Flash memory (transactions)
- Tamper proof design
- Backlit 2 line display with 16 characters per line
- Dual mode card acceptor with solenoid eject
- Real Time Clock for time management and to timestamp transactions
- 2 Internal SAM slots for key storage
- Internal buzzer

RS232 / RS485 interface (optional Ethernet or GPRS with external modem)

General Information

- Weight: TBC
- Colour: Black
- Input Voltage: 9-40Vdc
- Dimensions: 100 x 135 x 135 mm
- Operating Environment: 0 to +50C ambient, 10 to 90% relative humidity (non-condensing)
- Transit and Storage: -10 to +60C ambient, 5 to 95% relative humidity (non-condensing)

Standards an Approvals

CE: EN61000-6-1:2001, EN61000-6-3:2001, EN60950:2000, EN300 330-1 V1.3.1, EN 300 330-2 V1.1.1, EN301 489-3

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