



VENDING BOX TECHNICAL SHEET

OVERVIEW

The terminal Vending Box has been designed to meet the needs of current and future Vending market. The engine of Vending Box is the GSM/GPRS module Cinterion that in addition to providing high performance and efficiency, ensures availability of product over a long period of time. The main features of Vending Box is a JAVA "embedded" CPU ARM 9, which represents the state of the art processors based on ARM architecture.

POWER LINE BACKUP AND ALERT

The Vending Box terminal is featured with a Power Outages detection system, so that a notification is sent when the power line fails. This feature is implemented with an internal "Uninterruptible Power Supply (UPS)" which keeps the box turned on for a short period of time.



INTERFACES OVERVIEW

The terminal Vending Box provides the following connectors for power supply, I/O interface and antenna:

- 2 Serial RS-232 interfaces DB9
- 2 Programmable push-buttons
- 4 Status Led
- 24-pole GPIO (I²C, SPI, ADC)
- SIM card holder
- SMA connector for antenna
- Power Supply +16 ÷ +40 VDC

GSM/GPRS FEATURES

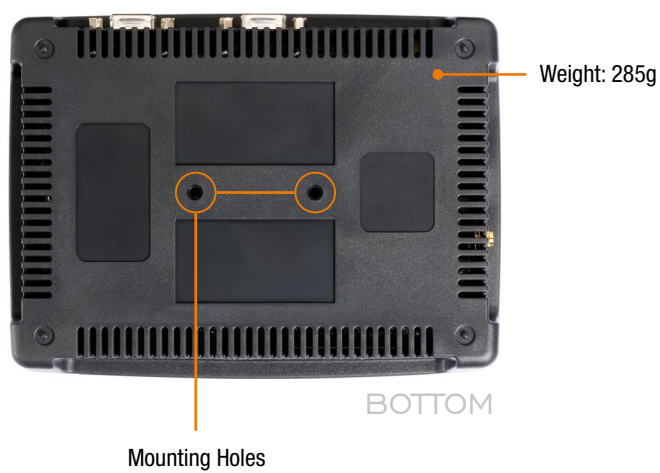
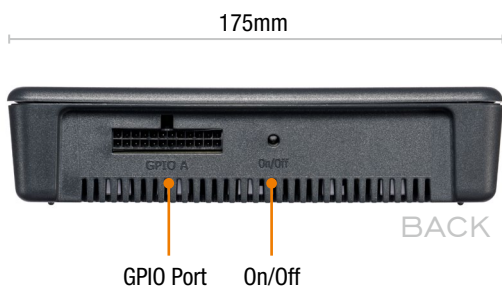
Advanced features GPRS, Class 12, TCP / IP stack built on AT and a set of industrial interfaces such as SPI, I²C Bus, USB, AD / DA converters and GPIOs.

GPRS

- Multislot Class 12
- Full PBCCH support
- Mobile Station Class B
- Coding Scheme 1-4
- PPP-stack

GSD

- V.110, RLP, non-transparent
- 2.4, 4.8, 9.6, 14.4kbps
- USSD



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