

DinBox RTU M36

Industrial SMS alarm Unit

Designed by Bausek Datacom !

SMS Alarm Unit

The DinBox RTU M36 is a telemetry solution in a DIN-rail housing. The product is suitable to use in an industrial environment where reliability plays a large role. With the DinBox RTU M36, devices can be monitored and managed by GSM, GPRS or SMS. Thanks to the optional 'intelligent watchdog' technology and an optional uninterruptible power supply the product provides a high degree of extra security for mission-critical applications. The DinBox RTU M36 is equipped with the 'open programmable Java J2ME' environment. This allows an own Java application to be built, so that the product can be extended with many additional features. The DinBox M36 offers an 'always-on' solution over the wireless GPRS network, which means that internet communication is possible. In addition, the device can optionally be equipped with a SMS application. Thanks to this SMS application you can monitor or manage devices via SMS via your mobile phone or via the optional SMS Comfort Alarm Management package. The DinBox M36 is an excellent solution in combination with PIC's and for other industrial applications



Product Highlights

- DINrail
- DC Power Supply optional
- GPS optional
- Java Programmable

Typical Applications

- GPRS/GSM modem communication
- SMS Alarming

BAUSCH DATACOM

Bausch Datacom NV/SA Tel.: Int 32(0)16 46 12 88 <http://www.bausch.eu>
Tiensesteenweg 54/56 Fax: Int 32(0)16 46 31 51 <http://www.bauschdatacom.be>
B-3360 Korbeek-Lo Belgium E-mail: info@bausch.be



DinBox RTU M36 specifications

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Housing

- DIN rail (EN50022), 9 modules wide (159 mm)

Power Supply

- Integrated wide range AC 100-260V 50-60Hz
- Optional batterij backup: VARTA Polyflex Lithium 4.9 Wh rechargeable battery

Interface & Connectors

- 2 x Serial RS-232 via RJ-45 connector
- Digital IN: Galvanic isolated 4 x DI hardware configuration via jumpers:
 - - Active configuration: open or closed
 - - Dry contact configuration: 0Vdc of 9 – 30Vdc
- Digital OUT: 2 x DO - Relay contact (NO & NC), Rated load : 0,5A at 125Vac / 1A at 24Vdc
- Analog IN: Non-isolated input 0 – 4,8 VDC

Communication Engine

- Quad-band 800/900/1800/1900 MHz GSM/GPRS modem
- Cinterion TC65i based
- Magnetical Dual band antenna with FME connector
- Integrated 3V SIM card reader
- Maximum power output 2W @ 900MHz / 1W @ 1800MHz
- Communication protocol : GPRS Class 10
- GSM data : asynchronous transparent mode
- Flow control (RTS/CTS – XON/XOFF) en speed buffering
- Automatic format and speed sensing (300 to 115.200 bps)
- AT command set support
- Circuit-switched 14.4 Kbps data and Groep 3 FAX (Class 1 and 2)

Warranty

- 2 years

SMS Software

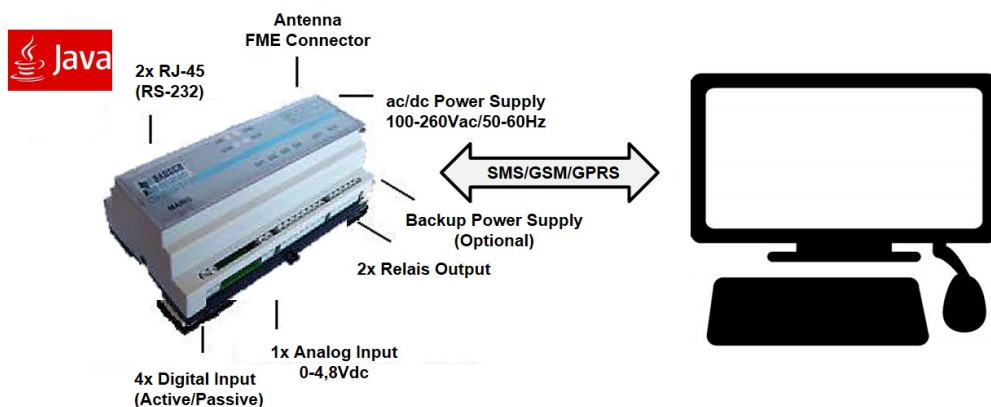
- Optional with embedded SMS application :
- Configuration: Hyper Terminal via RS232
- SMS information: Heartbeat (configurable)
- Input change (DI1 up to DI4) (up and/or down slope)
- Back-up battery control
- SMS control: Time controlled output set & reset (DO1 & DO2)
- with optional SMS-configuration output change
- Confirmation Answer to alarms via SMS
- Date & Time : NTP client via GPRS (optional)
- Time via SMS

Configuration

- Local via Hyperterminal

Certification

- CE



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