STD32

Telemetry Terminal for remote control and monitoring

The STD32 is a telemetry device targeted towards alarming applications via SMS or E-mail and to switch output relais via call, SMS or a smartphone App.

It offers 2 digital inputs to monitor status information. In case of an alarm, the STD32 will automatically send an SMS or E-mail to up to 5 recipients. The 2 relais outputs can either be activated with a free of charge call and/or via SMS.

The configuration of the Telemetry terminal can be done by sending AT commands and using a specific configuration tool or the STD App. As a separate available accessory the configuration tool allows you to set all parameters on the device via a PC.

Sample Applications

- Remote control and monitoring of facilities

Control of…

- Heating system
- Sprinkling system
- Pumps
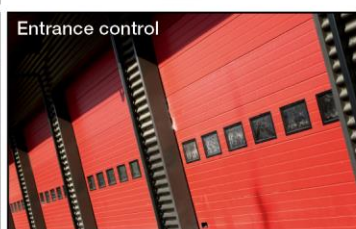- Gates
- Entry Areas

Key Benefits

- Toll free phone call function
- Up to several hundred users configurable
- Easy configuration via SMS, Configtool and Smartphone app for Android
- Water protected and robust housing

Key Features

- 2 Digital Inputs (galvanically isolated)
- 2 Relais (6A with max. 230V)
- RS232 interface
- Robust and waterprotected housing

Software

- Configuration Tool
- Smartphone app for Android

Technical Features

Hardware Characteristics
- Dimensions: 150x65x45 mm
- Operating Temperature: − 30°C to +70°C
- Weight: 80g
- Robust and waterprotected housing

Power Consumption
- GSM ON: 40 mA @ 12V

Power Supply
- 5 to 32V DC

Interfaces
- 2 Digital Inputs (galvanically isolated)
- 2 Relais (6A with max. 230V)
- RS232 interface
- Robust SIM card holder (1,8/3V)
- LED's for Status information
- Antenna: FME

Certificates
- CE
- RoHS

CEP Support Tools for Configuration

Configuration Tool
CEP's PC-based configuration tool supports system users in the integration phase:

- Direct connection via RS232
- Configuration of all existing parameters
- Display of current status
- Tracing and monitoring of the device's status
- Diagnostics during and after the installation of the device
- Software download
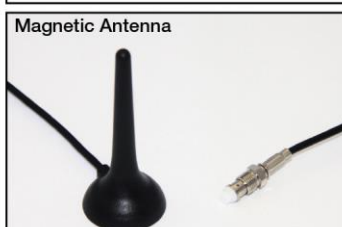

STD Smartphone App
The free of charge STD Android App simplifies the configuration and utilization of the telemetry units.
The following features are supported:

- Management of all listed devices
- Direct control of the relais
- Extensive options for configuration
- Tracing and monitoring of devices, etc.

Accessories (exemplary)

Power supply

Cable for STD config-tool

Software

Stub Antenna

Rectangular Antenna

Roof Antenna

Magnetic Antenna

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