

STD35

Telemetry Terminal for remote control and monitoring

The STD35 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 3 digital and 2 analogue inputs to monitor status information. In case of an alarm, the STD35 will automatically send an SMS or E-mail to up to 5 recipients. The 5 relais outputs can either be activated with a free of charge call and/or via SMS. For a limited time period, the integrated backup LiPo battery keeps the device operating even during power cuts.

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...

- Filling level
- 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

- 3 Digital Inputs
- 2 Analogue Inputs (12 bit resolution max. 230V)
- 5 Relais (2A with max 30V)
- Integrated backup battery
- RS232 interface

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: 56 mA @ 12V

Power Supply

- 7 to 32V DC
- LiPo-Backup-Battery (660 mAh)

Interfaces

- 3 Digital Inputs
- 2 Analogue Inputs (12 bit resolution max. 230V)
- 5 Relais (2A with max 30V)
- Integrated backup battery
- RS232 interface
- Robust SIM card holder (1,8/3V)
- LED's for Status information

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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