

STD32

Telemetry Terminal for Remote Monitoring and Control Applications

The STD32 is a telemetry device designed for alarming applications via SMS or E-mail and to switch up to two output relays via tollfree calls or SMS.

It offers 2 digital inputs to monitor the status of any connected appliances or machinery. In case of an alarm, the STD32 will automatically send an SMS or E-mail to up to 5 recipients.

The Telemetry terminal can be configured by a variety of means, including the serial interface or by sending a defined set of SMS commands.

Key Benefits

- Water protected and robust housing (glass fibre reinforced)
- Toll free phone call function
- Easy configuration via SMS and Configtool

Key Features

- Quadband GSM/GPRS telemetry device
- 2x Digital Inputs
- 2x 5A Relays
- USB-B internal interface for configuration

Sample Applications

- Remote control and monitoring of heating and sprinkling systems
- Generate alarms (SMS, E-Mail) based on input states
- Remote control of pumps, gates and entry areas



Alarm transfer



Measuring & controlling



HVAC



Entrance control



Pumps



Industrial facilities

Wireless Features

- GSM/GPRS Frequency Bands: GSM / GPRS Quad Band
- GPRS Class: Class 10

Hardware Features

- Robust and water protected, glass fibre reinforced housing (min. GF30)
- SIM Card Holder: 1x (1,8/3 Volt)
- SIM Chip Option
- LEDs: 4x (Power / GSM / 2x Status)
- Type Approvals: CE

Software

- Firmware Update: DOTA / USB
- Device Configuration: SMS / Config Tool
- Status / Event Reporting: SMS / SMTP E-Mail
- SMTP E-Mail: Transmission of Event Data
- Secure E-Mail (SSL)

Interfaces

- USB 2.0: 1x (USB-B connector; internal, for configuration)
- Digital Inputs: 2x (galvanically isolated; common external ground)
- Switching Capacity (Relays): 2x (5A/250V AC, 5A/30V DC, resistive load)

Power Management

- Voltage Range: 7 - 32V DC
- Power Consumption (Typical): ~14 mA

Hardware Characteristics

- Operating Temperature: -30°C to +75°C
- Dimensions: 150x65x45 mm
- Weight: 230 g
- Terminal is shipped by default with a rectangular antenna



Magnetic Antenna



Power Supply



Roof Antenna



Patch Antenna



Rectangular Antenna



Stub Antenna

Teltec certified Accessories.


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