STD35

Flexible IP-based GSM telemetry solution for professional applications

With on-board web server application

Features:

- Compact telemetry device in water-protected housing
- Quadband-technology based on Telit GPRS module
- Integrated backup-battery (660 mAh) for handling of power interruptions
- Motion sensor for theft protection
- Up to 5 message recipients via e-mail or SMS in case of alarm
- RS232 interface for camera or modem functionality
- Configuration and activation of relais by internet or phone
- One output can be controlled via toll-free phone call
- Quadband GSM rectangular antenna included in delivery scope
- Status information via LED
- Flexible cable connection possible with internal screw terminals

Applications for alarms via e-mail and/ or SMS:

- Boat and caravan alarm with integrated motion sensor
- Temperature or sensor monitoring
- Alarm transmission

Applications for control tasks via internet or mobile phone:

- Alarm systems
- Air conditioning
- Heating system
- Pumps
- Sauna
- Garage door
- Lighting
- and many more

Technical Features:

- **Water-protected housing**
- **5 LEDs for status information**
- **Operating temperature -30°C to + 75°C**
- **Terminal (transparent mode)**
- **RS232 interface for camera or modem functionality**
- **Inputs:**
  - 3 digital inputs - (max. 32V, 0…2V low, 5…32V high)
  - 2 analog inputs - 12 bit resolution, max. 32 Volt (optional used as digital input)
  - 1 common ground for all inputs
  - Internal 6 pin connector (screw terminal)
- **Outputs:**
  - 5 relay-outputs (max. 30V, 2A)
  - 1 common ground for all outputs
  - Internal 6 pin connector (screw terminal)
- **Dimensions, without grommet: 150x65x45**

Benefits:

- **Easy installation**
- **Easy configuration and control via SMS, internet or optional configuration tool**
- **Photos from optional camera via e-mail or web browser**
- **Flexible, no special wiring needed**
- **Integrated motion detector**
- **Event generation possible via motion sensor**
- **Usable in harsh environment**
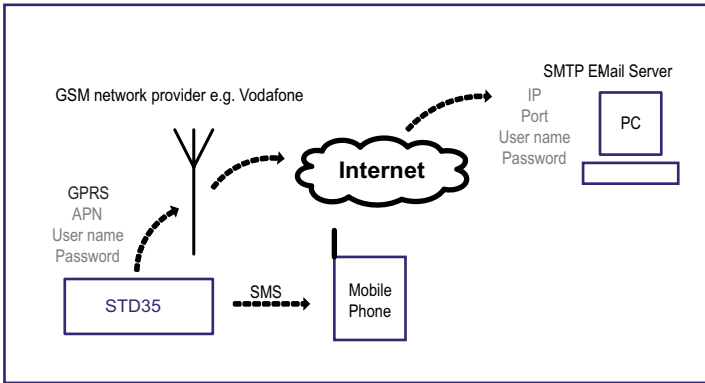
Power Supply:

- **7 to 32V DC supply**
- **Integrated back-up battery (660 mAh)**
- **Power consumption e.g.:**
  - Relay not activated, 12V/ 34 mA
  - Relay activated, 12V/ 97 mA
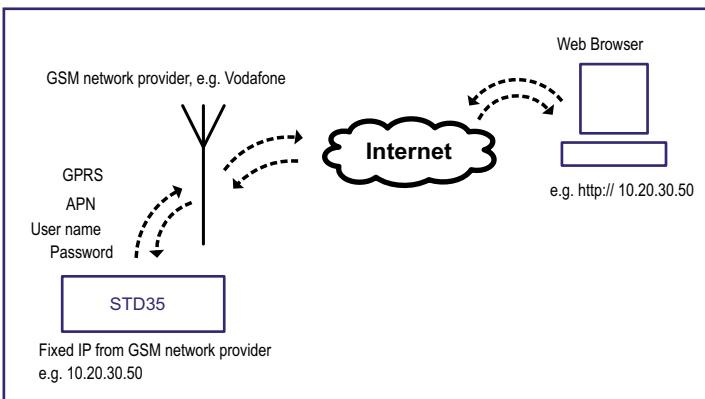
Certificates:

- **CE approval**
- **RoHS compliant**

SMS/E-mail alarm via GSM/GPRS

Access from the internet

Accessories

- **Camera**
  4-colour display
- **Different antennas**
  such as GPS/ GSM, magnetic or roof mount antennas
- **Configuration and diagnostic tool**
  For easy installation and control

Telic Product Portfolio

- **STD 32** is the cost-efficient base for telemetry applications, providing a ready-to-start hardware with flexible configuration options of the embedded software.

- Telic's **telematics products** include a standard (SBC3) and a professional board computer (PBC) as well as the small and compact tracking device Picotrack and the container and asset tracking device Picotrack Endurance.

Picotrack

Picotrack Endurance

User Interface

Configuration & control via phone call or SMS:

- Toll-free call to activate one relay
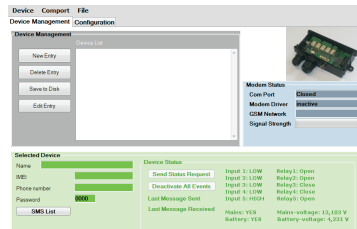- Configuration / control of outputs via SMS

Use of web-server application to:

- Change all configurations (basic or advanced)
- Check the status of the inputs and outputs
- Retrieve pictures from the connected camera
- Set the outputs with one mouse click

About Telic

Telic is a leading German supplier of telematics and telemetry products. Based on the core technologies GSM and GPS, Telic develops and manufactures high quality products, designed to be used in industrial and automotive environment. Telic's strong partnership with GSM and GPS module manufacturers secures the competitive edge in GPS, GPRS and UMTS technologies.

By using a platform concept, Telic is able to react flexibly and fast to customers' requirements. This leads to cost-efficient solutions for system integrators and solution providers.

Configuration and Diagnostic Tool

Telic's PC-based configuration tool supports during the integration process and offers features such as:

- Direct connection via RS232
- Configuration of all relevant parameters
- Display of current status
- Tracing and monitoring of device status
- Diagnostic of the device during and after installation
- Software download to STD35
- Control of relays

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