

GSM data logger - Remote Profi GSM - Enterprise

Area of application

- **Receives and focuses the measurement data/alarm messages of up to 12 RCT radio transmitter units for remote monitoring of various objects,**
e.g. tank capacity, temperature, meter reading, fault...
- **Additionally 4 channels wired for pulse counter**
(remote meter reading)
- **Data transmission by SMS to a central computer system for data management, analysis, alarming**
(individual processing for each channel)
- **Optional: 4 switch outputs - controlled remotely from PC**



Technical data

GSM data logger

- 12 channels for reception of RCT-radio transmitter units (meter reading, temperature, fuel level, fault ...)
- receiving frequency: 868 MHz
- range: ca. 500 m (open field)
- additionally 4 channels wired for pulse counters, e.g. for direct connection of gas meters
- data management and forwarding per SMS to PC
- single processing: each channel one SMS message (with max. 24 measured values)
- sending SMS: cyclic, in different alarm situations (limit values, failure, sabotage...) or manual request by PC
- optional: 4 switch outputs - remotely controlled from the PC
- power supply: 230 V/50 Hz
- connection cable: NYM-J 3x1,5 mm² (not included)
- current consumption at SMS transmission: max. 400 mA per transmission cycle
- operating temperature: -20°C to +55°C
- microprocessor controlled electronic
- simple configuration by PC or notebook via RCT software (RCT Config) or HyperTerminal
- reprogramming possible at any time via SMS from PC
- use of a SIM card (mobile operator freely selectable)
- installation in indoor areas (housing protection class IP 54)
- wall mounting with 4 screws possible (not included)

External transmitting antenna 868 MHz

- amplification of the received radio signal with 30db
- cable length ca. 2,5 m with screw connection (cable can optionally be extended)
- mounting on wall bracket with clip
- suitable for outdoor exposure

Function principle

With this control center you can manage up to 12 objects in radio range with one single device.

The "Remote Profi GSM - Enterprise" is compatible with all RCT-radio transmitter units, whereby different states and alarm situations can be reliably detected.

In addition, 4 switches or pulse counters wired can be monitored.

The data from the radio transmitter and connected meters are sent cyclically or in case of alarm via SMS to the PC (up to 24 readings in one SMS).

For data transfer you only need a valid SIM card (mobile operator freely selectable). The programming is done in simple steps using the RCT software or via HyperTerminal. You can decide separately, for example, the frequency of reporting and what limits or events should trigger an alarm. Using a PC modem you will receive the data centrally on your PC and display or manage it on different software modules, as well as integrate it into existing systems.

Or use the RCT web-application (data acquisition on RCT-server) and manage all data from any Internet access from any PC.

Optionally, further 4 channels can be remotely controlled from the PC, such as opening/ closing of solenoid valves.

Articles and example of application see page 2 >>>



Artikelnummer	Artikelbezeichnung
1000508	REMOTE PROFI GSM Enterprise

12 x RCT-radio transmitter

4 x input signal wired

Data concentrator

4 x output signal wired

Remotezugriff

Central data acquisition

- Own computer system, receiving SMS via PC modem = autonomous solution or
- RCT web-application = data on RCT-server, access via Internet

Numerous application areas by a variety of sensors
e.g. tank capacity, meter reading, temperature, switch contact, interface, light signal, humidity, pressure, movement ...

Do you have questions or need more information about this or other RCT products?
Then contact us at the address next.



• Manufactured to DIN ISO 9001:2008



• CE-Conformity
• Quality made in Germany



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