COUNTERview

Intelligent remote monitoring for gas meters via cellular 2G GPRS, CAT-M1, NB-IoT

Your benefits

- Intelligent remote monitoring for gas meters
- Non-contact impulse reading via reed contact (for all common gas meters)
- Universal housing for easy installation with screw fixing / sealing
- Data transmission available via cellular 2G GPRS, CAT-M1, NB-IoT
- Quality "Made in Germany", two-years warranty

Simple quick commissioning

The COUNTERview transmitter unit is simply plugged onto the rigth side of a gas meter and fastened with the enclosed screw. By connecting the enclosed battery, the unit is activated and immediately sends the current data to the RCT-Monitor platform. There, the measurement unit of the gas meter and the current counter position are set as start value. Now the device counts the impulses and transmits them regularly to the RCT web server for detailed consumption recording and control via internet.

Tamper-proof

The device can be secured against unauthorised access by a security seal. If the transmitter unit is removed, e.g. for a battery or meter change, a built-in motion sensor detects the vibration and it immediately sends a warning message, which is forwarded, e.g. by email, to a responsible person.

Individual data management

Meter readings, consumptions and system messages can be monitored and evaluated at any time via the Internet using the Mobile App or Web App.

For external data processing, various interfaces (API, CSV, mail etc.) are available. By connecting additional services, an optimal working environment is created for administration, logistics and end customers with separate access options.

In the Web App, indirect alarms can also be activated, e.g. atypical consumption, device and sensor malfunctions and transmission problems.

The Web App and Mobile App are available in RCT's standard design or personalised in your company's own corporate identity. Individual solutions can be realised quickly and easily.

RCT. Simplify monitoring.

Technical specifications

TRANSMITTER UNIT

Application	• For gas meter BK-G2,5 - BG-G100 • Consumption recording via impulse output
Programming	• Devices are supplied pre-configured and ready for operation • Individual configuration can be done online at any time via the Web App
Data transmission	Optionally via mobile network 2G GPRS, CAT-M1, NB-IoT to cloud server "RCT Monitor
Data format	Standard: Data to web server, encrypted
Data reception	RCT web server (cloud), data management via Mobile App and Web App RCT Monitor
Cyclic messages	• Transmission interval freely selectable • Continuous cyclic transmission of detected counter impulses, battery level, temperature and signal strength
Alarms	• Direct alarms from the transmitter: movement/vibration, tampering and battery voltage • Indirect alarms via the Web App: e.g. untypical consumption, no consumption in the cold season, no meter readings, higher consumption than calculated for prepayment
Housing	Absolutely stable plastic housing
Power supply	Mains independent via lithium battery (replaceable)
Operating temperature	-30 ... +50°C
Dimensions	32/22 mm x 83 mm x 88 mm (L x W x H of the housing)
Warranty	2 years

Produced according to
DIN ISO 9001:2015

CE Conformity
Quality Made in Germany

COUNTERview

ITEM INFORMATIONEN

RCT Item-No.	1000100
Name	COUNTERview
Scope of delivery	• COUNTERview Transmitter • Angled antenna • Instruction manual • Declaration of conformity
Accessories	• Lithium battery 3.6V