METERview

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"

Simple quick commissioning

The METERview 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 factory pre-programmed web server. Using the RCT Web Application, 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

Monitoring and analysis of meter readings, consumption and system messages is usually done via a Web & Mobile App (RCT Standard: https://webapp.r-c-t.biz).

The platform offers various display options for a quick overview as well as a number of detailed analysis options and forecasting tools.

Important or critical conditions around the monitored meter can be defined individually. A wide range of alarm options and ways are available, as well as the free or automated generation of reports.

By using an API (programming interface) of the system, an automated data exchange with the customer's own ERP systems can be set up.

Our team of developers for software and hardware finds suitable solutions for every application.

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 via integrated SIM chip
Data format	Standard: Data to web server, encrypted
Data reception	RCT cloud server or customized solution; data management via Web Platform & Mobile App
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
Protection class	IP 45; protected and approved according to ATEX for use in Ex zone 1
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)

METERview

ITEM INFORMATIONEN

RCT Item-No.	Name
1000100	METERview.Elster
1000101	METERview.SAMGAS
1000121	METERview.neutral (without pulse generator)
Scope of delivery	• METERview Transmitter • Angled antenna • Instruction manual • Declaration of conformity

ACCESSORIES

1000200	Lithium battery 3.6V

TÜV AUSTRIA
ZERTIFIZIERT
EN ISO 9001
ZERTIFIKAT NR. 20100193005753
TÜV AUSTRIA CERT GMBH

Produced according to
DIN ISO 9001:2015

CE
0123
CE Conformity
Quality Made in Germany

⟨Ex⟩ EX II 2G Ex ib IIB T4 Gb

RCT. Simplify monitoring.