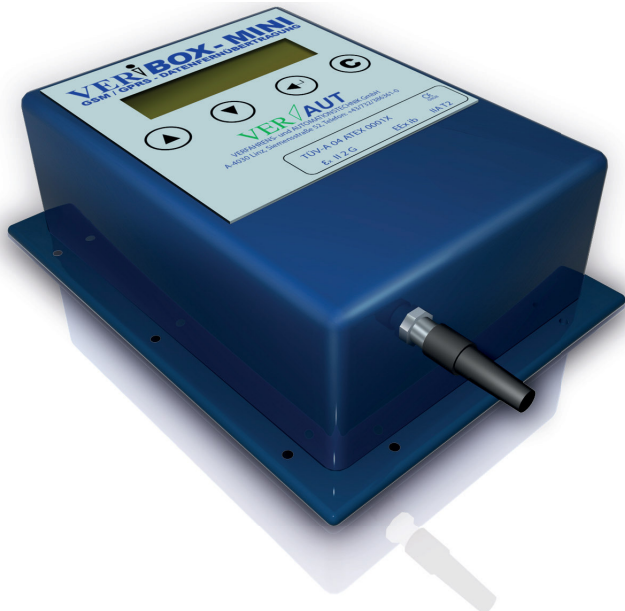


VERIBOX-MINI

AUTOMATIC METER READING (AMR)



Certification:

ATEX ExZone 1: TÜV AUSTRIA certified
TÜV-A 04 ATEX 0001X

Physikalisch-Technische Bundesanstalt (PTB)
PTB-1.42 4029030

ATEX Data-Logger with integrated wireless mobile data-transmission

VERIBOX-MINI is an innovative, ATEX ExZone1 certified, battery-powered automatic meter reading / remote data collecting unit, which logs data at user-defined intervals and sends collected meter data via GSM/ GPRS/UMTS/LTE to the backend IT-system at user-defined time intervals for wireless data retrieval and data-analysis.

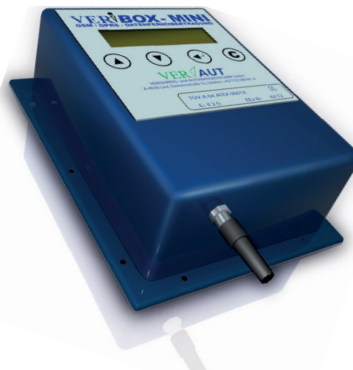
In addition, VERIBOX-MINI is able to record alarms (e.g. over/underflow) and sends that alerts immediately. (Leaks, High and Low Flows, Tampering, Pressure level change, etc)

VERIBOX-MINI can be used as a tool for settling usage disputes, demand studies, „real-time“ billing, network optimisation right-sizing meters/distribution infrastructure and more.

VERIBOX-MINI has been proven in field to be a reliable product installed in thousands in locations around the world.

Interfaces:

- >> 4 digital inputs (pulse / switch)
e.g. for counting pulses/door-contact
- >> 3 analogue inputs (0/3-10V, 0-3V, 0-20mA)
e.g. for pressure / level -transmitters , Temp.sensors
- >> 2 digital outputs
e.g. switching/control of pumps
- >> RS232/RS485 - Serial Interface
e.g. for read-out of electronic volume correctors (EVC)
- >> Wired M-BUS/ Encoder - Interface
(optional)



Communications:

- >> 2G/3G*/4G* Mobile Engine
- >> GSM / SMS
clear text message or compressed
- >> GPRS / UMTS / LTE - TCP/IP
CSV Textfile
 - FTP - File Transfer Protocol
 - Email- Transfer
 - HTTP Stream
 - XML

* optional

VERIAUT

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VERIBOX-MINI

AUTOMATIC METER READING (AMR)

Power Supply Type (all types ATEX ExZone1 certified)



>> Li-Battery

Li-Single-Battery

(Battery-Lifetime approx. 3 years)

Li-Doublepack-Battery

(Battery-Lifetime approx. 5 years)

Li-8-Pack Battery

(Battery-Lifetime approx. 10+ years)

* assuming daily data-transmission

>> 230 VAC Netadapter
with or without backup-battery

>> 24 VDC Netadapter
with or without backup-battery

Interfaces / Protocols for following electronic volume correctors (EVC)



>> ACTARIS/ITRON CORUS PTZ

>> INSTROMET 999/900/444

>> ELSTER 88, EK90/210/260

>> ELGAS ELCOR

>> KAMSTRUP UNIGAS 300 / E61 /D61

>> SICK FLOWSICK 500

>> PLUM MACBAT

>> DRESSER MICROSERIES

>> REYNOLDS PTZ

>> MERCURY EVC

>> AMERICAN METER EVC

>> iMETER MEVC

>> FLONIDAN UNIFLO

>> BARTON EVC

>> PROSER EVC

>> TRITSCHLER PTZ

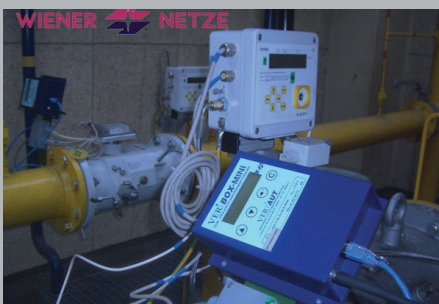
>> etc.

Areas of Application:

- >> Automatic Meter Reading / Remote Reading
- >> Remote Reading of Electronic Volume Correctors
- >> Supervision of Tank Systems or Man-Holes
- >> Process-/Pipeline Supervision
- >> LPG-Tank Supervision / Remote Reading
- >> Supervision of Water Networks
- >> Oil-/Gasrigs Supervision
- >> High Level Tank Supervision
- >> Building Material Silos Level-Supervision
- >> Humidity Supervision
- >> Irrigation Supervision / Control
- >> Railway Point Heating
- >> Artificial Snowing Stations Supervision
- >> Storage Tank Supervision

Other:

- >> Dimension:
approx. 185 x 135 x 65 mm
- >> Operable Temperature Range:
-25 bis + 60 °C
- >> Remote Configuration / Remote FW-Update
via SMS/GPRS/UMTS



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