

Q gateway 5

Data recording instead of readouts.

It doesn't get any easier!

Q gateway 5 – the new smart meter gateway.

Q gateway 5 is unique in combining automatic remote data transmission and monitoring of all metering devices and network nodes within a building. It records the consumption data of up to **2,500 metering devices** and transmits it by mobile communication to the QUNDIS Smart Metering Platform (Q SMP). From there the data is automatically transmitted by email or SSH FTP to the customer at the required intervals.

Thanks to its **high-performance battery** Q gateway 5 will operate without interruption throughout the contractual period, depending on the frequency of data retrieval. The long battery life is achieved among other factors by automatic selection of the optimum mobile communications network. For daily data retrievals we also offer the Q gateway 5 with power supply.

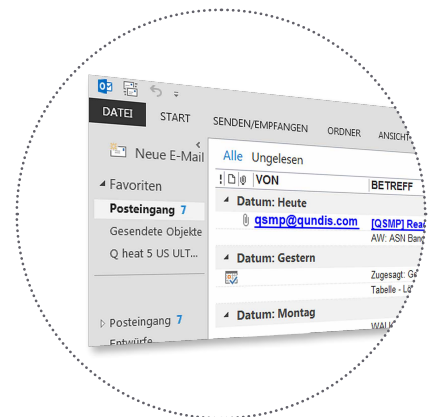
We also relieve you when it comes to the selection of mobile communications tariffs and service providers, because we implement the **data provision** on your behalf. A gateway service contract forms the basis for this. This contract covers the provision and transmission by QUNDIS of the Q AMR networks which are read out by the gateway.

The Q gateway 5 is supplied ex works with a SIM card, making any time-consuming SIM-card administration unnecessary. Via the QUNDIS **Q SMP** Smart Metering Platform we manage all the administrative and data recording operations of the gateway.

Its wide functional range makes Q gateway 5 the ideal solution for all applications and projects which require full energy autonomy at the location where the gateway is used. In combination with the functions of the Q SMP, Q gateway 5 makes a major contribution to significant **savings** of time, work and expense.



Q gateway 5 battery-operated or with power supply available



Automatic reception of consumption data by email

Key features

Unique in submetering

- › Battery-operated gateway (model with power supply also available)
- › Automatic monitoring and recording of consumption data from 2,500 metering devices in 5 AMR networks

Outstanding wireless communication characteristics

- › Wireless MBus 868 MHz for reading out Q AMR networks
- › High SRD radio sensitivity and output (25 mW)
- › Quad band GSM/GPRS/EDGE (850, 900, 1800 and 1900 MHz)

- › Optimum wireless connectivity provided by domestic and international roaming

Reduced installation work

- › Battery operation means that no electrician is required for the installation (does only apply for battery-operated device)
- › No SIM card administration required

Fast operational start

- › Single-button activation
- › Factory configuration makes insertion or setup of SIM cards unnecessary

Lean process

- › Consumption data by email or SSH FTP direct to your office at the required intervals
- › Parameterisation and administration via Q SMP (QUNDIS Smart Metering Platform)

High data security

- › Wireless communication prepared for OMS security mode 7
- › Cloud-based data hosting via cooperation partner IBM
- › Data-processing is in line with the highest security standards