

Q module 5.5 water

Peak transmission performance

For flexible readout operations.

The new Q module 5.5 water radio module for the remote readout of Modularis water meters* represents a further development of the tried-and-tested generation of QUNDIS devices. It makes the upgrading of existing installations convenient and easy, and sets new benchmarks in terms of **radio transmission**. The launch of C-Mode has enabled the transmission range in standard buildings to be nearly doubled.

A further benefit is that the product offers **maximum readout flexibility**. Water consumption can now be read out 365 days a year, instead of on 48 days as in the past. As a result, metering services are now no longer tied down by fixed time windows. They enjoy much more flexibility in planning their recording of consumption data and the billing of utility costs.

Meter reading can be implemented both on site and in mobile form, because – parallel to walk-by radio telegrams – Q module 5.5 water also sends out AMR telegrams. In C-Mode operation the AMR telegrams also meet the ‘Open Metering System Specification’. In addition, parallel transmission means that you can switch to AMR readout operations at any time and without the need for reconfiguration. As a result you are well prepared for consumption recording at any time of year.

In addition we have ensured **downward compatibility** in mixed operations with other QUNDIS products. As a result the Q module 5.5 water add-on radio module can be operated in existing QUNDIS AMR installations without making hardware or software modifications to the network components!



Q module 5.5 water is also available as a set WMM5, together with the QUNDIS WFx30 or WMx10 water meter!

Why is QUNDIS committed to OMS?

OMS stands for ‘Open Metering System’. OMS represents communications architecture for intelligent metering devices across all industries. It enables faster data transmission and longer readout intervals, thus making a decisive contribution to the future-compatibility of the QUNDIS products.

The benefits

Universal application

- › High protection level (IP65)
- › Full compatibility with existing QUNDIS AMR installations
- › Suitable for all installation situations
- › Values are displayed in relation to the scheduled day
- › Electronic scanning ensures identical meter reading with mechanical counter
- › No additional mounting operations required

System integration

- › Integration of Modularis water meters into a Q AMR or Q walk-by system
- › No software modifications to the network components of existing QUNDIS AMR installations required
- › Upgrade to C-Mode possible in the field

Transmission features (C-Mode)	
walk-by	AMR
every 112 seconds	every 7.5 minutes
10 hours per day (8.00 – 18.00)	24 hours a day
365 days a year	365 days a year
latest consumption values, 13 statistical values	latest consumption values

Transmission features (S-Mode)	
walk-by	AMR
every 128 seconds	every 4 hours
10 hours per day (8.00 – 18.00)	24 hours a day
monthly: four readout days from the first of every month	7 days a week
annually: 48 days after scheduled day	365 days a year
latest consumption values, 13 statistical values	data telegrams or statistical and consumption values

* Q module 5.5 water is compatible with the following radio-ready water meters: QUNDIS GmbH – WFx30, WMx10; E. Wehrle GmbH – ETK-EAX, ETW-EAX, MTK-OZX, MTW-OZX. A functional guarantee cannot be granted for Modularis water meters of other manufacturers.