

Q module 5.5 heat

Recording heat consumption by radio

The new radio add-on module for heat meter Q heat 5.

The new Q module 5.5 heat radio add-on module for the remote readout of QUNDIS heat meters sets new benchmarks in terms of **radio performance**. Thanks to the introduction of C-Mode the transmission range in typical buildings has been improved significantly in comparison with the previous product.

A further benefit is that the product offers **maximum readout flexibility**. Instead of 48 days as in the past, the Q walk-by mobile readout of heat consumption is now possible 365 days a year. This means that from now on metering services are no longer tied to fixed time schedules. They enjoy greater flexibility in planning the recording of consumption data and the billing of heating and incidental costs.

Meter reading can be implemented either on the spot or in mobile form, because in addition to walk-by radio telegrams, the Q module 5.5 heat also transmits AMR telegrams. In C-Mode operations the latter also conform to the requirements of the 'Open Metering System' (OMS). In addition these parallel transmission operations ensure that you can switch to AMR readout at any time and without any reconfiguration. This means that you are optimally prepared for consumption data recording at any time of the year.

Furthermore we have attached priority to ensuring **compatibility** for operation in combination with other QUNDIS products. This means that in existing QUNDIS AMR installations, the Q module 5.5 heat radio add-on module can be seamlessly integrated without any modifications to the hardware and software!



The Q module 5.5 heat is also available as a set with a QUNDIS Q heat 5 heat meter!

Why is QUNDIS committed to OMS?

OMS stands for Open Metering System. This represents communications architecture for intelligent meters across individual types of equipment. It enables faster data transmission and longer readout intervals. OMS is making a major contribution to the future capability of QUNDIS products.

Benefits

Universal application

- › Full compatibility with existing QUNDIS AMR installations
- › Suitable for all QUNDIS heat meters Q heat 5 and Q heat splitt R20 calculator units
- › Electronic transmission via the IrDA interface of the meter ensures identical meter reading status
- › No additional parameterisation necessary
- › Simple fitting

System integration

- › Integration of QUNDIS heat meters into a Q AMR or Q walk-by system
- › No software adaptations for the network components of existing QUNDIS AMR installations
- › Upgrade from S- to C-Mode radio transmission possible on site

Transmission features (C-Mode)	
walk-by	AMR
every 112 seconds	every 7.5 minutes
10 hours a day (8.00 – 18.00 hrs)	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 a day (8.00 - 18.00 hrs)	24 hours a day
monthly 4 read-out days from every first of the month	7 days a week
annually 48 days after read-out day	365 days a year
latest consumption values, 13 statistical values	data telegrams or statistical and consumption value