

RadioRouter module, High Power

**Wireless radio reading of
Kamstrup electricity meters**

Built-in router functionality

**Built-in minute/daily/event loggers
including real time clock (RTC)**

**Two radio channels - possibility of
reading water and heat meters**

**Built-in antenna and optional connection of
external antenna**

Supplied from the meter

No configuration needed

Automatic registration on the network

**Possibility of tariff control/pulse input/load
disconnection**



Application

With a RadioRouter module, High Power in Kamstrup electricity meters it is possible to read electricity, water, and heat meters without disturbing the customer.

The RadioRouter module is mounted in the module area of the electricity meter and connected to the meter's supply. After 10 seconds it is ready for use.

The RadioRouter module is designed to form part of a radio network and it can be read by means of the hand-held terminal MULTITERM Pro.

The RadioRouter module is provided with two radio channels of which channel 1 is used to communicate between the electricity meters and the radio network units. Channel 2 is used to collect data from e.g. Kamstrup water and heat meters provided with a radio module and to communicate with the hand-held terminal.

The data that are read by the meter are determined by the system software of the radio network or the software of the hand-held terminal.

The module is furnished with three different loggers.

The minute logger can be configured for loggings in the interval 5 – 60 minutes.

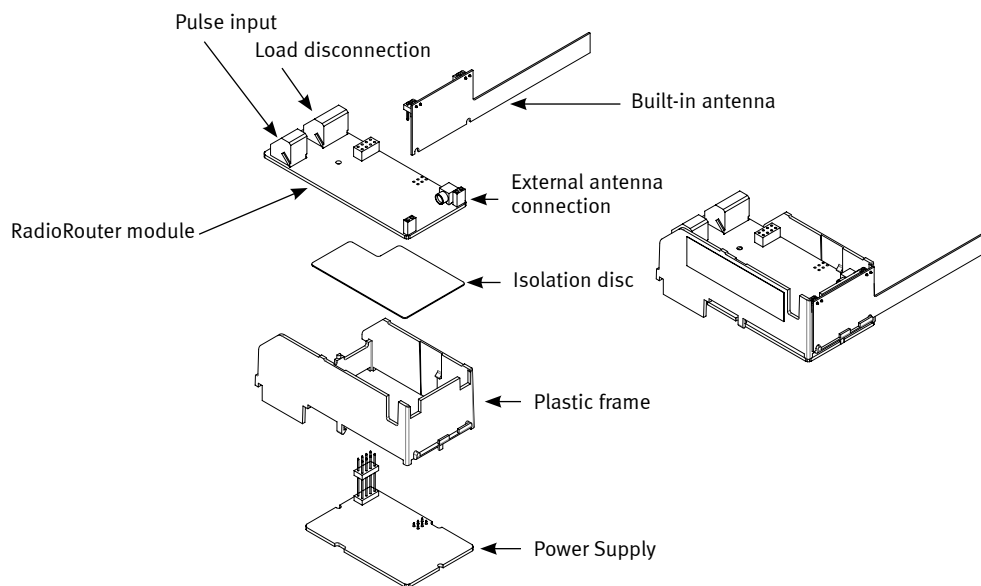
The daily logger reads the meter once/day at midnight.

The event logger registers among other things power-cuts and clock adjustments.



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Drawing



Technical data

Electrical data

Supply	Supplied via the electricity meter
Range – channel 1 and 2	Up to 500 meters with an external antenna connected
Output power – channel 1 and 2	10 mW
Frequency band	A radio frequency used within the license-free frequency band.

Mechanical data

Dimensions	42 x 64 mm
Ambient temperature	- 40 – + 63°C
Mounting	Mount in the module area of the electricity meter

Marking/approvals

R&TTE Directive	EN 300 220 - class 2 EN 301 489
CE Marking	

Please contact Kamstrup A/S for further information.

Logging depth	
– daily logger	45 records
– minute logger	1080 records
– event logger	64 records

Ordering

RadioRouter module, High Power, for Kamstrup 162, Kamstrup 382 and Kamstrup 351	6850 043 3XX, QR
– EU	319
External antenna, type Triangle	6699 407