

Data sheet

READy Gateway

for Siemens MAG 8000

- Rugged converter for reading Siemens MAG 8000 water meter
- Long battery life time
- Support of Wireless M-Bus communication, C-mode
- Built-In datalogger
- Prepared for Walk-by/Drive-by or fixed network solutions



Part of READY Suite

READY Gateway is part of Kamstrups READY Suite, and it is a battery powered radio transmitter, responsible for the automatic data collection from a Siemens MAG 8000 water meter.

Besides collecting the data from the Siemens water meter, the READY Gateway also stores the data as log values for further analyses, and furthermore it transmits the data to a meter reading infrastructure, either a walk-by/drive-by solution, using a smart phone/tablet as reading device or to a fixed network solution, using a concentrator to collect the data.

The direct communication from the READY Gateway is based on a comprised one-way communication protocol focusing on fast, safe and robust data communication and long battery lifetime. This comprised communication protocol is called C-mode and is developed according to the EN13757-4:2013 - the Wireless M-Bus standard.

Technical data

Communication interface

Meter reading	3-wire RS485, using Modbus protocol
READY Gateway configuration	Optical eye
Data transfer to smartphone/tablet	Wireless M-Bus, C-mode according to EN13757-4:2013
Data transfer to concentrator	Wireless M-Bus, C-mode, according to EN13757-4:2013

Further interfaces

User interface	Optical eye (reading out log data) Display
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Frequency

Wireless M-Bus, C-mode	868,950 MHz
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Mechanical data

READY Gateway

LxWxD (in cm)	12,2 x 9 x 9
Weight (in g)	660
IP protection class	IP68

Bracket for READY Gateway

LxWxD (in cm)	9,85 x 6 x 8,3
Weight (in g)	90

Temperature range

Operation	-20 - +60° C
Storage	-40 - +70° C
Flooding temperature	+2 - +60° C

Power supply

Internal battery supply	2 x D-cell batteries (3,6 VDC)
Battery lifetime	6 years

Markings/Standards

CE
 R&TTE
 RoHS

Safety information/Disposal

Do not try to disassemble READy Gateway
 Do not expose READy Gateway to open fire
 Please return READy Gateway to Kamstrup A/S if the above specifications cannot be fulfilled.

Order information

Top number: READyGateway
 Type number: 6696XXXXXXX

Accessories

READy Converter (Walk-by/Drive-by solution)	READyConverterI
READy Concentrator (Fixed network solution)	READyConcentratorI
Battery replacement pack	6699 031

