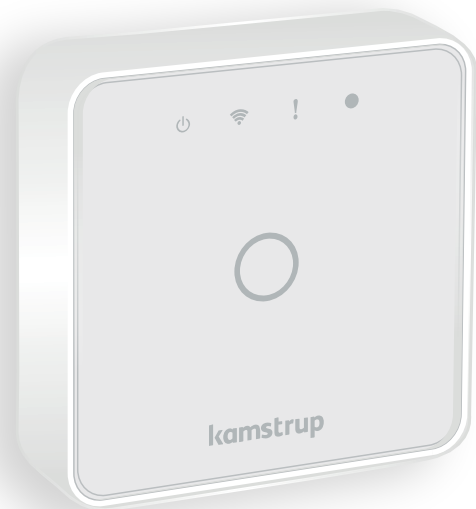


Data sheet

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## **READy Mini Concentrator**

- Intelligent all-in-one Wireless M-Bus concentrator
- Designed for wireless collection of data from consumption meters and sensors
- Standardized radio communication according to EN13757-4:2013
- Supports the highest security level (individually encrypted meters and sensors)
- Reads up-to 25 meters/sensors remotely
- Optional GSM connection
- Plug-and-play installation



## A part of the READy Solution

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READy Mini Concentrator is an infrastructure component in the READy solution. The mini concentrator is designed to collect readings from up to 25 meters/sensors, and forward the data to READy Manager via Ethernet, Wi-Fi or GSM. It is possible to read data from priority meters/sensors and transfer data to READy Manager at intervals down to 5 minutes. READy Mini Concentrator is designed for indoor installation.

## What is in the box?

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The READy Mini Concentrator is delivered ready to use in a box containing:

- 1 x READy Mini Concentrator
- 1 x 5V DC, 2Amp power supply
- 1 x Ethernet Cable 1 m
- 1 x quick guide

## Technical data

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### Capacity

Up to 25 Wireless M-Bus meters/sensors

### Frequency

EU license-free area 868-870 MHz

### Communication

Wireless M-Bus, C1

### Standard

EN13757-4:2013

### Transmission interval

Depending on the READy manager setup, the collected meter/sensor data is sent to READy Manager on a daily or hourly interval. If the meter/sensor is set as a priority device in READy Manager, the data is forwarded from the READy Mini Concentrator instantly.

### Power supply

External net adapter 5V DC, 2Amp.

### Power consumption

Typical	1.2 W
Max	2.5 W

### Environment

IP class	IP20
Operation temperature	0 to +50°C

## Technical data

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### Range

The mini concentrator is designed for a coverage of 2 -3 family households.

### Data usage

	Normal	Priority meters
<b>1 meter</b>	0.25 MB/month	8 MB/month
<b>10 meters</b>	2 MB/month	80 MB/month
<b>25 meters</b>	5 MB/month	200 MB/month

### SIM card type

Micro SIM

## Mechanical data

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### Dimensions (L x W x D)

102 x 102 x 28 mm

### Markings

Radio Equipment Directive (RED) 2014/53/EU

### CE

- EN 300 220-1 V3.1.1
- Draft EN 300 220-2 V3.2.0
- EN 301 511 V12.5.1 (2017-03)
- EN 301 908-1 V11.1.1 (2016-07)
- EN 301 908-2 V11.1.2 (2017-08)
  
- EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013
- EN 62311: 2008
  
- Draft EN 301 489-1 V2.2.0
- EN 61000-3-2: 2014
- EN 61000-3-3: 2013
- Final draft ETSI EN 301 489-3 V2.1.1
- Draft EN 301 489-52 V1.1.0
- Draft EN 301 489-17 V3.2.0

## Order information

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### Description

READy Mini Concentrator

LAN + Wi-Fi

LAN + Wi-Fi + GSM

### Order No.

READyConcMini

66965000

66965100

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