

Data sheet

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## **READy 4G Bridge**

- Battery-powered data collector, up to 8 years
- Rugged design (IP68)
- Reads up to 5 wM-Bus meters
- Prepaid data with e-SIM solution
- End-to-end data encryption



## A part of the READy solution

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READy 4G Bridge is a smart battery-powered network infrastructure component in the Kamstrup READy solution for reading data from smart water meters and heat meters.

READy 4G Bridge is able to collect readings from up to 5 Kamstrup meters, and forward the data to READy Manager via a 2G/4G cellular connection. It is designed for outdoor as well as indoor installation and is easily installed on walls, in metering pits, on street lamp posts and similar.



## In the box

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READy 4G Bridge is delivered in a box containing:

- 1 x READy 4G Bridge
- 1 x quick guide
- 1 x protective shield
- Screws and fittings for installation

## Technical data

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### Capacity

Up to 5 Wireless M-Bus C-mode Kamstrup meters.

### Wireless M-Bus communication

EU license-free spectrum            868 - 870 MHz  
 Wireless M-Bus C1 mode            868.95 MHz - EN13757-4:2013

### Cellular communication

The following cellular frequencies are supported, making READy 4G Bridge work in a long list of countries:

4G    800, 1800 and 2600 MHz  
 2G    900, and 1800 MHz

### Transmission intervals

READy 4G Bridge can send data in the following intervals, depending on variant. It is not possible to change the transmission interval after purchase. Your READy Manager license determines how much data you receive.

READy 4G Bridge	Normal	Normal	Priority*
Type number	669662010	669663010	669664010
Battery life	8 years**	8 years**	6 years**
Prepaid data subscription	8 years	8 years	6 years
Data logging from meter	Hourly values transmitted at midnight (0:00)	Hourly values transmitted in the morning (5:00)	5-minute value
Data transmission to READy Manager	Daily	Daily	Every 4 <sup>th</sup> hour

\* Requires Priority meter add-on module in READy Manager

\*\* Battery lifetime is estimated in temperature range: 0 - 35 °C

### Power supply

Battery-supplied (up to 8 years, depending on configuration).

4 x D-cell lithium batteries.

### Environment

IP class:                                    IP68  
 Operation temperature:                -35 °C to +55 °C

### Range

Depending on the installation. Typically, up to 200 m in free line of sight.

### Data persistence

In case the cellular connection is not available, meter data is logged for 30 days.

## Mechanical data

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### Dimensions (L x W x D)

READy 4G Bridge:                    127 mm x 102 mm x 100 mm  
 Protective shield:                    179.5 mm x 127 mm x 125 mm  
 Weight:                                    1.2 kg

## Ordering details

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READY 4G Bridge	Type 66966	<input type="checkbox"/>	0	<input type="checkbox"/>
<b>Cellular subscription</b>				
Hourly values, daily. Transmitted at midnight (0:00)		2		
Hourly values, daily. Transmitted in the morning (5:00)		3		
Priority		4		
<b>Reserved</b>				
No choice				
<b>Country code</b>				
EU				10

## Accessories

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Stainless steel clamps x 100 6697046

## Markings

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