

Wireless MBus Repeater

Part Code	Name	Input	Output
AP868WM	Wireless Mbus Repeater (Mains)	Wireless MBus	Wireless MBus

The Wireless MBus repeater AMR (Automatic Meter Reading) from Sycous is a ready-to-use system allowing to repeat radio frames from Wireless MBus meters. This repeater can double the range of Wireless MBus meters and thus ensure a seamless transmission of radio frames when the data concentrator is located a fair distance from the furthest meter point. By combining several Wireless MBus repeaters, the Sycous Wireless MBus repeater extends the transport of transmitted frames over several kilometers. This product is available as a mains power version, allowing repetition of data transmitted in T+C, R and S modes. The combination of products in the Sycous AMR range allows you to create an independent ecosystem to ensure the emission, transport and collection of consumption indexes using Wireless MBus protocol. Our Wireless MBus solution provides a full compatibility with EN 13757-4: 2005 standard.

Features:

- Radio repetition of W-MBus consumption meters
- T+C modes
- Installation is simple and fast
- Range up to 600m (T+C mode)
- Several repeaters can be associated
- Mains powered
- IP65 standard
- Optional bracket can be supplied



Managed Services

Meter Data Management

Billing Solutions

PAYG Management

Online Account Management

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Technical Specification

W-MBus version performances

RF Power	14dBm (25mW)
Sensitivity	up to -117dBm
Range	up to 600m line of sight

Wireless MBus modes

T+C	mains powered version S1, R1 on request
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Repeater performances

T+C mode	up to 40 products repeated
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Consumption & needs

Mains version (Power supply block included) Supply voltage	3.6V nominal
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General information

Operating temperature	-30°C / +70°C
Dimensions	145 x 100 x 40 mm
Case	IP65
Standards	EN 300-220, EN 301-489, EN 60950, EN 13757-4:2005

References

AM868WM Wireless M-Bus repeater AMR - Mains



Data
Collection

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MBus & Pulse for
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