

## PRODUCT CARD

# Rhino WMBus Repeater

The Rhino WMBus Repeater operates as an 868 MHz standard signal extender, featuring single-hop functionality. It is powered by an external 5-12 VDC power supply.



## DEVICE OVERVIEW

- 1 Power socket
- 2 SMA ISM antenna connector

## TECHNICAL PARAMETERS

<b>Rhino communication</b>	Frequency range 868MHz
<b>Power supply</b>	5-12 VDC (0.1A) - power supply <b>not included</b>
<b>Supported communication protocols</b>	T1 and C1 mode wireless M-Bus
<b>Configuration</b>	Over the Air (OTA)
<b>Operating temperature range</b>	-40 °C - 85 °C (depending upon installed environment)
<b>IP Class</b>	IP40 (not suitable for outdoor use)
<b>Dimensions</b>	18 mm x 90 mm x 53mm (1 DIN module)
<b>Weight</b>	~0.05 kg
<b>Led indications</b>	<b>Power</b> (Red Permanent) - Power OK <b>RX</b> (Yellow Short Flash) - Data received <b>TX</b> (Green Short Flash) - Data sent
<b>Install button</b>	Enabling install mode
<b>Install mode</b>	Every 60 seconds during 1 hour period device transmits wireless MBus telegram with device serial number
<b>Additional equipment</b>	1 x ISM antenna with 3m cable and magnetic base
<b>Required cable types</b>	Power supply thickens - 0.205-3.31 MM <sup>2</sup> - 24-12AWG

**Got questions?**  
**Contact us!**

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# Rhino System Topology

- Up to 50 devices connected on every RF channel
- Clear line of sight RF range max. 300 m
- RF range data only applicable per building level

**RHINO**

- External inputs
- Rhino Ecosystem

