

AMR - Receiver Wireless M-Bus

Highlights

- Radio reception of W-MBus consumption indexes
- Installation is extremely simple and fast
- RS232, RS485 serial port, USB port
- Mains power supply
- External antenna
- IP65 standard



The **Wireless M-Bus receiver AMR** (Automatic Meter Reading) from Adeunis RF is a ready-to-use system allowing to **receive consumption data** from **Wireless M-Bus transmitters AMR** or **Wireless M-Bus repeater AMR**.

This receiver can acquire **Wireless M-Bus frames** and transit them to any collection device and / or operating data with a RS232, RS485 serial port or USB port.

The implementation of the receiver is immediate («**plug & play**» system).

This product is available as a **mains power version** allowing the collection of data transmitted in **T, R and S modes**.

The TNC socket can accept **any type of 868MHz antenna** and deport it so as to **optimize the level of reception of radio frames**.

The combination of products in the **Adeunis RF AMR range** allows you to **create an independent ecosystem** to ensure the emission, transport and collection of consumption indexes using Wireless M-Bus protocol.

Our **Wireless M-Bus** solution provides a full compatibility with EN 13757-4:2005 standard.

Wireless M-Bus performances

RF sensitivity: up to -117dBm
Range: up to 1000m line of sight

Wireless M-Bus modes

T1 (S1, R1 on request)

Serial port interface

Serial port: RS232
Serial port: RS485
USB port
Data rate: 115.2kbps (8N1)

Consumption & needs

Supply voltage: 4.5 / 36Vdc

General information

Operating temperature: -40°C / +85°C
Dimensions: 145 x 100 x 40 mm
Case: IP65
Standards: EN 300-220, EN 301-489, EN 60950, EN 13757-4:2005

References

- **ARF7922BA** Wireless M-Bus receiver AMR - RS232
- **ARF7922CA** Wireless M-Bus receiver AMR - RS485
- **ARF7922EA** Wireless M-Bus receiver AMR - USB

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