

WIRELESS M-BUS REPEATER

AR-WMB

- It works as REPEATER for data coming from wireless M-Bus (Max. 500) devices to intermediate port of call
- It is fitted with MESH interface and supports multi-hop to receive and transmit the data
- It can be mounted directly on the wall through screws and, as option, can be mounted on a stand through a specific mounting kit
- The received signals are transmitted immediately without variable time-shifting
- Easy positioning and working mode through strength led signals and mobile power supply via USB gate notebook



Mod. AR-WMB SIM

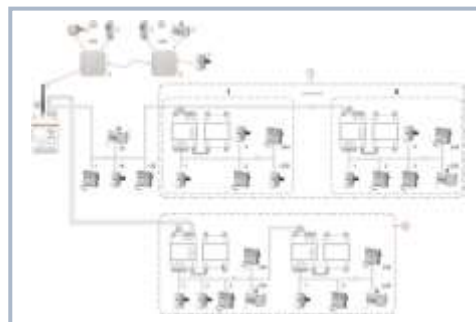
- Suitable solution for small installations
- Modem Gprs built in on SIM IoT
- Data transmission can be set (daily, weekly, monthly, etc)
- Setting and operating through APP via Tablet, Smartphone
- Reading data to be sent via Mail or Ftp
- Power supply 100..240Vac
- Match to RTU-WMB not necessary



Technical data	
Power supply	110 ... 230 Vac/50-60Hz USB (500mA) when installing/data reading
Maximum consumption	7W max.
Protection grade	IP55 (Optional IP67 with specific protection kit)
Dimensions	160H x 160L x 35P mm - DIN
Temperature	-10°C +85°C Working /Storage
Communication mode	USB (set up and download of instantaneous data -Mod.T1) Wireless M-Bus (C1+T1+T2 / S1+T1 / T1+T2 / T1)
Radio frequency	868Mhz bidirectional (Optional 169Mhz) Wireless M-Bus OMS / DLMS/Cosem
Reference standard	EN13757-4 / EN13757-3 / IEC 62056-5-3:2013
Fieldbus	500 WMBus meters /100 mt open field 20 mt in building depending on building type
Interfaces for hardware	Led Power operating status 4 Led to display radio signal status 4 Led to display trasmitting/receiving status

WIRELESS M-BUS RTU DATALOGGER RTU-EVO

- Working as DATALOGGER with WEB server interface
- Connection via Ethernet port for consulting, generating and sending reports, ancillary device management
- Supports up to 2500 radio meters and 500 on two separate M-Bus lines (up to 20 cable meters via integrated M-Bus port).
- It is equipped with a graphical display (multi language to set up with tactile membrane key) to access data and status of local I/O
- It is available with a remote antenna with 1,5 mt cable
- Internal memory for storage of daily readings up to 10 years / 1 year for intra-day data coming from wired meters
- Reading frequency via cable: from 15 min to 24 hours intervals
- Reading frequency via wireless: from 0 min to 24 hours intervals
- 24 V AC/DC +/- 10% power supply (SEV)
- Mounting by 35mm DIN rail (EN 60715)
- Ethernet port - USB connection for any applications
- N. 3 digital inputs /n. 2 relè outputs to manage logic bases AND/OR on local I/O, email sending (magneto thermal contact or motor protector, leakage detectors, pumps, valves)
- Report creating in CSV or .XLS
- Data transmission via SMTP, FTP (client), Web server via LAN or Internet (report generation and download)
- Alarm notification from M -Bus network: anomalies/alarms meters, communication failure, thresholds violation
- It is possible to automatically update the firmware through internet connection
- Remote self-system control



Wireless M-Bus 868 MHz compatible devices



WEB SERVER INTERFACE BUILT-IN

- Web Browser Chrome, Firefox, Safari
- System status/events log
- Connected meters and I/O peripheral
- Installation date, system configuration, firmware revision, Web interface, system and meters backup