



SISMA

G. GIOANOLA

METERING EFFICIENCY

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

MESH MultiHop technology



Mod. AR-WMB SIM

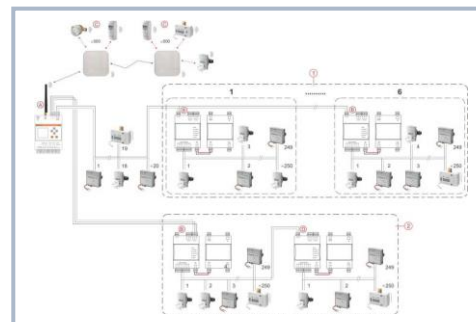
- Suitable solution for small installations
- Modem Gprs built in on SIM IoT
- Data transmission can be set (daily, weekly, monthly, etc)
- Setting and operating through APP via Tablet, Smartphone
- Reading data to be sent via Mail or Ftp
- Power supply 100..240Vac
- Match to RTU-WMB not necessary



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/Cozem
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
- Installation date, system configuration, firmware revision, Web interface, system and meters backup

The Company's policy is one of continuous product improvement and the right is reserved to modify the specification contained herein without notice. Illustrations are not binding. 06-22



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