



RFM-C3

Wireless M-BUS concentrator

The RFM-C3 is a gateway/data concentrator that collects data sent from Wireless M-Bus devices and transmits them via GPRS signal or via Ethernet / LAN / Wi-Fi network.

The consumption data and the information sent by the B METERS radio modules, measuring devices and the heat cost allocators, equipped with Wireless M-Bus interfaces, are collected by the RFM-C3 concentrator and sent via E-mail by using the GPRS network or, alternatively, an Internet connection via Ethernet/LAN/ Wi-Fi network. The E-mail contains the file of the acquired telegrams in .txt format and it is forwarded up to a maximum of five recipients, with daily/weekly/monthly frequency.

The configuration of the device is performed by using a PC connected with a LAN cable (RJ-45 connector) on the Ethernet port of the RFM-C3 concentrator.



TECHNICAL FEATURES

Radio interface	WMBUS EN13757-4 868MHz OMS Compatible
GSM/GPRS interface	QuadBand 850/900/1800/1900 MHz
ETHERNET interface	100 Mb/s
Data transmission	GPRS, Ethernet, Wi-Fi
Internal memory WMBUS telegrams	Up to 1000 telegrams
WMBUS signal Range	Up to 300 m*
Power supply	100-240 VAC 50 – 60 Hz
Maximum consumption	13 W
Size (H x L x P)	103 x 153 x 53 mm (without antennas)
Temperature range	-10°C / +55°C
Protection class	IP20
Report format	.txt (.xls, .csv future support)
Report planning	Daily / Weekly / Monthly
Report download	SMTP Mail (FTP client, Webserver future support)

* Under optimal conditions

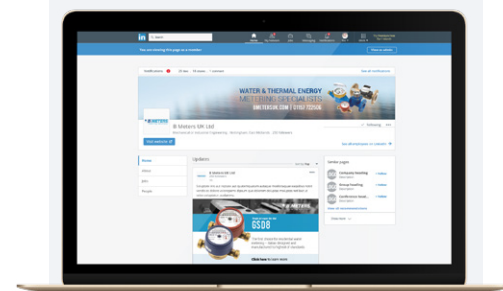


DESIGNING, PRODUCING AND DISTRIBUTING SOLUTIONS FOR OVER 25 YEARS

B METERS is an Italian company that has been designing, producing and distributing instruments and solutions for measuring the consumption of water and thermal energy used for heating and cooling, for over 25 years.

The yearly production currently exceeds 2M units, putting B METERS in a leading position both at national and European level.

The product range includes turbine (velocity) type single and multi-jet water meters with mechanical or magnetic transmission, Woltmann meters, irrigation meters, flow meters, thermal energy meters and heat cost allocators with direct reading, or complete with integrated modules for the remote transmission of the consumption data.



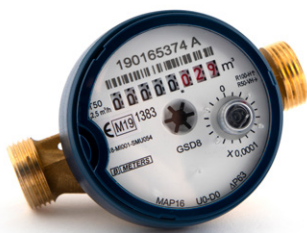
**FOLLOW BMETERS ON LINKEDIN,
KEEP UP-TO-DATE WITH ALL
LATEST NEWS AND PRODUCT
INFORMATION**



EN 1434

EN 834

THE BMETERS RANGE



WATER METERS



THERMAL ENERGY METERS



READING SYSTEMS



M-BUS SOLUTIONS