



Description

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. It can also be used as a "modem" / MBUS controller for the MB-MASTER concentrator, for the remote data transmission of the wired MBUS devices.

The consumption data and information sent by the B METERS devices equipped with a wireless M-Bus or wired M-Bus interface (through the MB-MASTER), are collected by the RFM-C3 concentrator and sent via E-mail and/or FTP 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 and/or .csv* format and is forwarded up to a maximum of five different recipients with an hourly*/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.

*To enable the csv file sending and hourly frequency sending functions, you need to use your own SMTP server.

Technical features

Radio Interface	WMBUS EN13757-4 868/867/921 MHz european standards compliant
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 (hxlxp)	103 x 153 x 53 mm (without antennas)
Temperature Range	-10°C / +55°C
Protection Class	IP 20
Report Format	.txt, .csv*
Report Planning	Hourly* / Daily / Weekly / Monthly
Report Download	SMTP Mail (FTP client, Webserver future support)

** under optimal conditions