

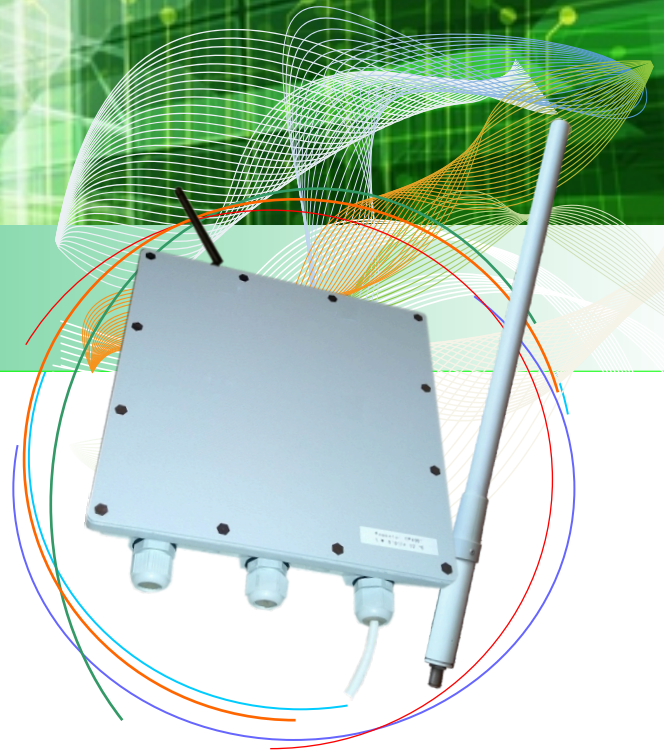
EM4018

Concentrator GateWay RF

Technical description

The GateWay Concentrator is designed to receive data via radio channel from radio modules and repeaters, store it in non-volatile memory, and transmit it to the Data Collection and Processing Center server using various communication channels, including 3G/LTE and Ethernet.

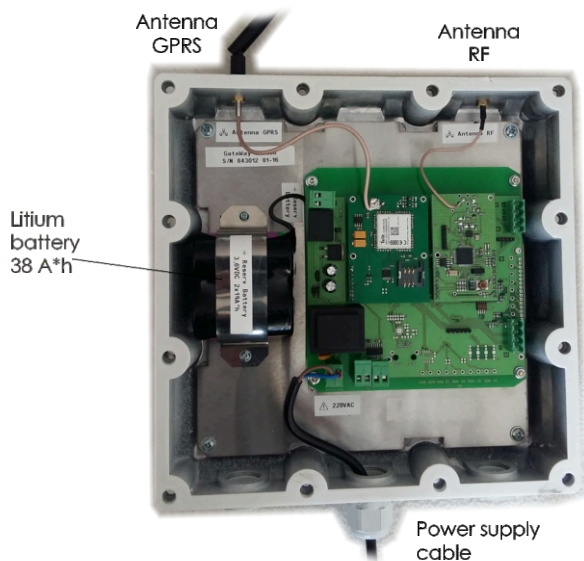
Thanks to its high performance, a single concentrator can collect data from over 30,000 radio RF modules, ensuring reliable and stable data transmission in real time or according to a defined schedule.



The device features built-in power failure protection – it is powered from a 110/220 VAC mains supply with the option of backup power from lithium batteries, enabling autonomous operation in the event of a temporary power outage

Technical specifications:

Description	GateWay RF EM4018
Box Size	250x250x70mm
Unit Weight	3,6 kg
Power Supply	110/220 VAC
Backup power	2 lithium batteries, size "D", 38 A*h
RF frequencies (ranges)	FSK 430/868/900 MHz
Data transmission channels	GPRS, Ethernet
GPRS frequencies	UMDS GPRS 800/900/1700/1800 MHz
Configuration Storage	Non-volatile memory
Environmental	IP-68
Operating Temperatures	-40° C Δo +60° C
Humidity	Макс. 90%



Input terminal assignment:

Battery	+	Backup battery 3,6 VDC / 38 A*h Connection	
	-		
Power	L	110/220 VAC Power Supply Connection	
	N		