

Can read:

TMC-1

TMC-2



FEATURES

- Wireless temperature receiver works on 868MHz
- Modbus RTU protocol
- RS-232, RS-485 and USB interfaces
- Can read up to 255 devices
- Range of operation up to 600 meters
- Power supply voltage 5-15 VDC



Application

Water/Heat monitoring



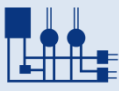
Marine



Laboratory



Heat substation metering



Machinery



HVAC



Solar power plant monitoring



RX-1 wireless receiver's main function – to collect data from remote temperature sensors and transfer data to Modbus. Modbus RTU receiver can read up to 255 devices and send data to SCADA via RS-485, RS-232 or USB. The application areas can be in the air conditioning, refrigeration industry, in the construction of HVAC systems laboratory technology or farming and agriculture. Radio frequency band of RX-1 is 868MHz and can receive data from sensors for 600 m. Device operating temperature is -30 to +65 °C while remote sensors measurement range can be up to 400 °C.



Industry



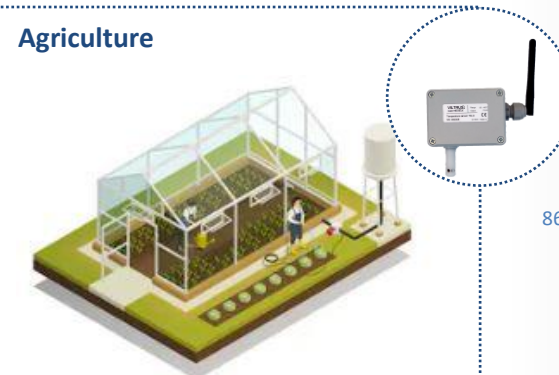
868MHz



USB



Agriculture



868MHz



RS-485



Environmental monitoring

GPRS/3G

TECHNICAL SPECIFICATIONS

Description	RX-1 receiver
Sensor	TMC-1 and TMC-2
Radio frequency band	868 MHz
Interfaces	RS-232, RS-485, USB
Protocol	Modbus RTU
Configuration	Via USB
Indication	3 LED's
Certifications	
Approval	CE
Physical characteristics	
Dimensions	100x100x30 mm
Weight	100 g
Mounting	Din Rail (option)
Climate conditions	
Operating temperature	-30 to +65 °C

ORDERING CODE

RX-1:STD RX-1 standard

RX-1:DIN RX-1 with Din rail mount.