



## THE LORA/WMBUS TRANSMITTER IDEAL IOT DEVICE FOR SMART METERING

- BATTERY OR MAINS POWERED
- THE BATTERY CAN BE REPLACED BY THE CUSTOMER
- LOW POWER CONSUMPTION
- USED FOR BILLING OR ENERGY MONITORING



### DESCRIPTION

THE TRP-11-LORA IS A RADIO MODULE CAPABLE OF READING THE DATA OF METERS, THANKS TO ITS WIRED INTERFACE M-BUS, IT SENDS THEN A PART OF THE MESSAGE READ ACCORDING TO THE LORAWAN PROTOCOL.

### INPUTS - OUTPUTS

- RS-485 MODBUS RTU
- RS-232
- SCR CODER
- IEC1107
- IMPULSE INPUT
- DIGITAL INPUT
- 4-20 mA INPUT AND OUTPUT
- DIGITAL OUTPUTS
- DLMS
- 0-5 V INPUT
- 0-10 V INPUT

### TRANSMISSION

- LORA
- LORALIGHT COMPATIBILITY
- WIRELESS M-BUS 868 MHz (WMBUS)

### ENCLOSURE

- LENGTH 153 mm x WIDTH 90 mm x HEIGHT 60 mm (WITHOUT ANTENNAS)

### POWER

- BATTERY POWERED (3.7 VDC/ 19 Ah)
- OPTIONAL EXTERNAL POWER SUPPLY 5-35V
- AUTONOMY : UP TO 25 YEARS WITH 1 TRANSMISSION PER DAY

### VERSIONS

- TRP-11-MBUS THE LORA/WMBUS TRANSMITTER, WITHOUT EPS
- TRP-11-PULSE
- TRP-11-FULL
- TRP-11-232, WITHOUT EPS
- TRP-11-MODBUS
- TRP-11-CS
- TRP-11-SCR CODER
- TRP-11-420MA
- TRP-11-010V
- TRP-11-TEMPPROBES1
- TRP-11-TEMPPROBES2
- TRP-11-SOILMOISTURE

### USE-CASES

- SCIENCE
  - GEOLOGY
  - HYDROLOGY
  - HYDROGEOLOGY
  - GEOTECHNICS
  - PISCICULTURE
- ENERGY
  - GAS
  - WATER
  - ELECTRICITY
  - SOLAR
  - WASTE
  - ENERGY EFFICIENCY
- INDUSTRY
  - MONITORING
  - ALARM SYSTEMS
  - RADIATIONS

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