Device for radio meters and heat cost allocators

STRM-RM M2

Concentrator for telemetering of AMR radio stations

The STRM-RM M2 device is a concentrator for telemetering of AMR antennas type Qundis, Siemeca (Siemens) and Honeywell, with the purpose of reading data and send them to the user by E-Mail.

The Internet connection to send the data takes place using the internal GSM/GPRS modem.

The values of readings, sent by E-mail, are available in an attached file in "CSV" format, already formatted and readable directly with Excel (or equivalent program).

The device can be configured and controlled remotely by sending appropriate SMS, or locally through the "STXM Reader" software.

You can remotely connect to the AMR antenna, through the GSM modem and the "GSM Caller" software (available separately).

This way you don't have to physically travel to the AMR antenna place to carry out the desired configurations.

Models with Ethernet interface for sending data and with datalogger for saving the readings locally are also available.

TECHNICAL FEATURES

- Power supply: 230VAC 50/60Hz, 15 W (Maximum).
- USB port for configuration and local device reading.
- Operating temperature: 0 – 45 °C.
- Modem GSM/GPRS Quad Band.
- GSM field strength indication LED.
- 3 digital inputs (clean contact)
- 2 Relay outputs 6(2)A 250VAC with changeover contact.
- M-Bus Master (2400 Baud) port, protected against overload and short circuit.
- Indicator LED for M-Bus line status (overload or short circuit).

FUNCTIONAL FEATURES

- Reader for antenna types Qundis AMR, Siemens AMR and Honeywell AMR.
- The readings data are sent by E-mail, in "CSV" format, organised in tabular form and readable directly with Excel (or equivalent program).
- Up to two schedulers can be set up to automatically send readings daily, weekly or monthly, and for sending of the counting values to the set E-mail recipients.
- You can pair a name to each device.
- Saving of all commands received and sent in a dedicated file, in "CSV" format, with the possibility to send the file via E-mail.
- Automatic update of date and time, with daylight saving and standard time management.
- The AMR antenna can be remotely configured through GSM modem and "GSM Caller" (accessories provided separately).
- Operator SMS receiving (low credit, credit check, etc.).
- Remote device configuration by sending appropriate SMS, or locally via PC and dedicated software ("STXM Reader").

- The user, by sending SMS to the remote control system, can:
  - Check the status of the control unit (alarms, data).
  - Request the sending of the current readings of the system.
  - Configure the device.
- Control the available relay outputs (that can be configured in on/off or impulsive mode).
- The remote control system, if configured, at the change of status of one of the inputs, sends to the set phone numbers an SMS alert. Devices alarm check (failure or tampering), which can be set using scheduler, with reporting of any anomalies by SMS to the set phone numbers.
- Ability of monitoring AMR antennas, for checking the battery level and any errors. To perform this operation, you must add them manually to the list via the command "MBLISTA=ADD".

DIMENSIONAL FEATURES

- Hooks on DIN EN 607 guide
- Colour: Grey RAL 7035
- Material: PPO self-extinguishing
- Dimensions: 9 DIN modules

PRODUCT CODE

STRM-500RM-M2   Concentrator for telemetering of Radio Stations type Qundis AMR, Siemeca AMR, Honeywell AMR, and sending of readings via E-mail with GPRS connection.

RELATED PRODUCTS

ST-SWC-C2   Software for local concentrator configuration ("STXM Reader").

SG-PRG-USB   Mini USB – PC connection cable (standard).

SG-ANT-AM1   Stylus antenna with magnetic base (standard).

SG-ANT-AD1   Directional antenna.