

STCM MH2

Concentrator for telemetering of M-Bus Devices

The STCM MH2 device is a master for M-Bus networks with the purpose of reading data from the meters connected and send them to the user by E-mail.

The Internet connection to send the data takes place using the Ethernet network connection or through 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).

Alternatively, the readings can be made locally through the "STCU Reader" software provided separately.

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

The STCM MH2 concentrator, among other functions, manages the STCR-IO devices, i.e. M-Bus slave equipped with a digital input and output, which by sending appropriate SMS or using the software "STXM Reader" can be configured according to your needs.

The model with datalogger for saving the readings locally is 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.
- RJ45 connector for Ethernet connection.
- Indicator LED for Internet connection status.
- M-Bus Master (2400 Baud) port, protected against overload and short circuit.
- Device for 32 or for 60 meters (can be extended to 500 through STAM amplifiers).
- Indicator LED for M-Bus line status (overload or short circuit).

FUNCTIONAL FEATURES

- Reader for meters and/or devices with M-Bus interface.
- 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.
- Operator SMS receiving (low credit, credit check, etc.).
- Ability to select the data transmission mode between Ethernet and GPRS.

- Remote device configuration through the internal web server or by sending appropriate SMS, or locally via PC and dedicated software ("STXM Reader").
- The user, by connecting 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.
- "STCR-IO" (IO M-Bus) devices management.

DIMENSIONAL FEATURES

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

PRODUCT CODE

STCM-032-MH2	Master M-Bus for 32 meters and sending of readings via E-mail with Ethernet or GPRS connection.
STCM-060-MH2	Master M-Bus for 60 meters (can be extended to 500 through STAM amplifiers) and sending of readings via E-mail with Ethernet or GPRS connection.

RELATED PRODUCTS

ST-SWC-C2	Software for local concentrator configuration ("STXM Reader").
SG-PRG-USB	Mini USB – PC connection cable (standard).
ST-AM-120-01	Amplifier module for extending the network by 120 further devices.
ST-AM-250-01	Amplifier module for extending the network by 250 further devices.
ST-SWL-C01	Software for reading local meters ("STCU Reader").
SG-ANT-AM1	Stylus antenna with magnetic base (standard).
SG-ANT-AD1	Directional antenna.
STCR-IO-001	M-Bus slave device with one relay output and one input.