



WEBDYNMODBUS

The WebdynModbus gateway manages or collects data from Modbus equipments (slaves). On a single box, the gateway includes an RTU Modbus and TCP Modbus interface plus an Ethernet and GPRS/3G interfaces to communicate with the information system.

INSTALLATION

- The initial configuration is carried out via the pages of the embedded web server
- Once configuration is complete, data collection can start in an automatic and periodic way
- After synchronizing with the remote server, all configurations/actions can be carried out remotely: equipment, data server address, data format, collection frequency, etc.

OPERATION

- The WebdynModbus gateway works like a Modbus master. It manages a set of slaves connected on a wired bus (RTU mode) or an Ethernet link (TCP)
- All the variables associated with each Modbus slave are defined in the configuration files and/or the local HTML interface
- All the data associated to each Modbus slave are reachable in reading & writing
- Collected data (reading mode) are formatted (CSV) and sent periodically through the mobile or Ethernet networks to a federating server
- Reading data are specified in the configuration file
- All the gateway functions can be synchronized with the server by using web services

STRONG POINTS

- Simple local or remote setup from a text file
- Very low consumption of data on mobile network
- Full compatibility with Modbus protocol
- Double connectivity Modbus RTU & Modbus TCP

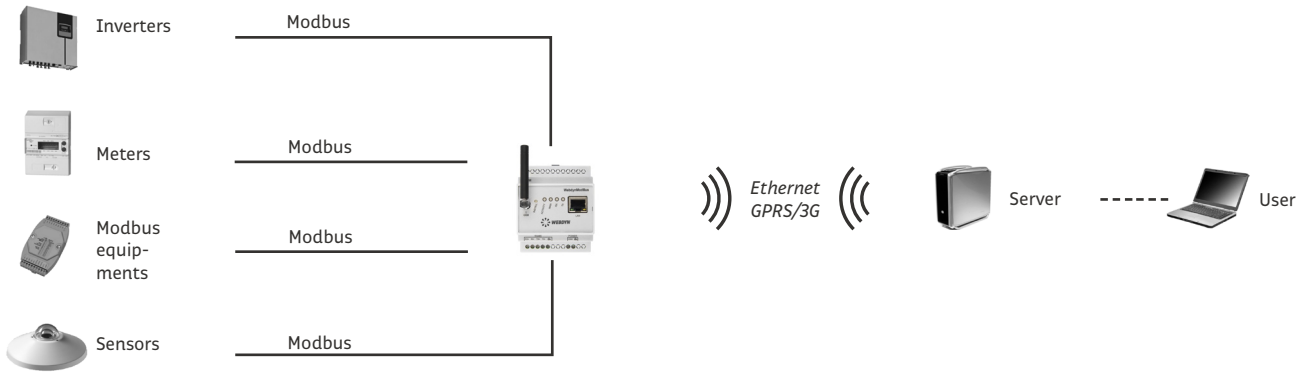
APPLICATIONS

- Modbus slaves monitoring: input, output, electrical equipment; etc.

BENEFITS

- Managing of all the variables (reading & writing) of a Modbus slave
- Remote actions and command of the Modbus slaves

ARCHITECTURE



CHARACTERISTICS

TECHNICAL

- Modbus RTU (RS485) interface
- Modbus TCP (Ethernet) interface
- IP network interfaces: Ethernet: 10/100Mbps/s - GSM/GPRS/3G

GENERAL

- Power supply: [+12/24v] screw suply
- T°: operating : -5°C/+50°C - Storage: -20°C/+85°C
- Dimension: 70x86x59mm Rail Din
- Power consumption: 3W maximum

REFERENCES

PRODUCTS

- WG0513-A01: WebdynModbus

ACCESSORIES

- AC0103-00: Rail Din 24V power suply
- AC0201-01: GPRS bi-bands deported antenna with 5m cable
- AC0201-03: GPRS bi-bands deported antenna with 10m cable
- AC0201-02: GPRS bi-bands deported antenna with 20m cable



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