



WEBDYN
flexitron group



WEBDYNMODBUS β

The WebdynModbus β gateway enables to manage or collect data from Modbus equipments (slaves). On a single box, the gateway include a RTU Modbus and TCP Modbus interface and also GPRS/Wifi interfaces and Ethernet to communicate with the information system.

INSTALLATION

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

OPERATION

- The WebdynModbus β gateway works like a Modbus master. It enables to manage a set of slaves connected on a wired bus (RTU mode) or an Ethernet link (TCP)
- All the variables associated to 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 synchronised with the server by using web services

STRENGTHS

- 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

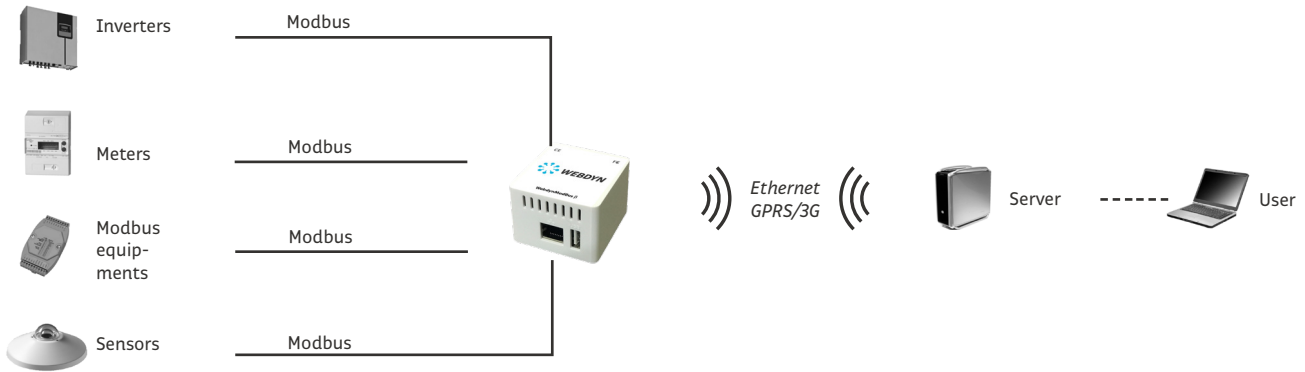
APPLICATIONS

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

BENEFITS

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

ARCHITECTURE



SPECIFICATIONS

TECHNICAL

- Modbus RTU (RS485) interface (up to 500 parameters)
- Modbus TCP (Ethernet) interface (up to 500 parameters)
- IP network interfaces: Ethernet: 10/100Mbps/s – GSM/GPRS/WIFI

GENERAL

- **Power supply:** [+5V]
- **T° :** operating: -5°C/+60°C - Storage : -20°C/+85°C
- **Dimension:** 58x58x37mm
- **Power consumption:** 2W maximum

REFERENCES

PRODUCTS

- WG0513-A01 : WebdynModbus Beta

ACCESSORIES

- AC0102-00: 5V power supply
- AC0201-0: RS485 to USB converter



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