

WebdynModbus

Gateway for the monitoring of Modbus equipment

The WebdynModbus gateway is used to monitor and collect data from Modbus equipment (slaves). In a single box, the gateway has a Modbus RTU or Modbus TCP interface as well as 4G/3G and Ethernet interfaces it can use to communicate with the information system. The WebdynModbus gateway behaves as a Modbus master. It is used to manage a set of slaves connected to a hard-wired bus (RTU mode) or an Ethernet link (TCP). It is easily installed through the webserver and it can be monitored remotely. The collected data is formatted in CSV and sent periodically to a server via the cellular or Ethernet network.



Main Features



4G/3G/2G



Ethernet



RS485



DIN rail



Remote configuration

■ HARDWARE ■ SOFTWARE

Strenghts & Benefits

- 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
- Managing of all the variablesn (reading & writing) of a Modbus slave
- Remote actions and command of the Modbus slaves (without additional costs)

Applications

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

Specifications

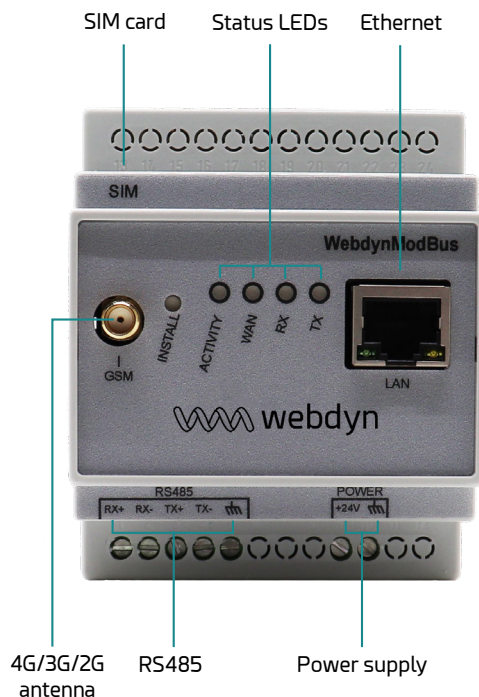
WebdynModbus 4G	WebdynModbus 3G
4G: LTE-FDD B1/ B3/ B5/ B7/ B8/ B20/ B28; LTE-TDD B38/ B40/ B41; 2G: GSM B2/ B3/ B5/ B8	3G: 2100/900 MHz 2G: 900 MHz
LTE-FDD Data Rate (Mbps): 10 (DL)/ 5 (UL) LTE-TDD Data Rate (Mbps): 7.5 (DL)/ 1 (UL)	
GPRS Data Rate (kbps): 85.6 (DL)/ 85.6 (UL)	
EDGE Data Rate (kbps): 236.8 (DL)/ 236.8 (UL)	

Interfaces

- 4G/3G/2G connectivity
- 1x Ethernet
- 1x RS485

Connectors

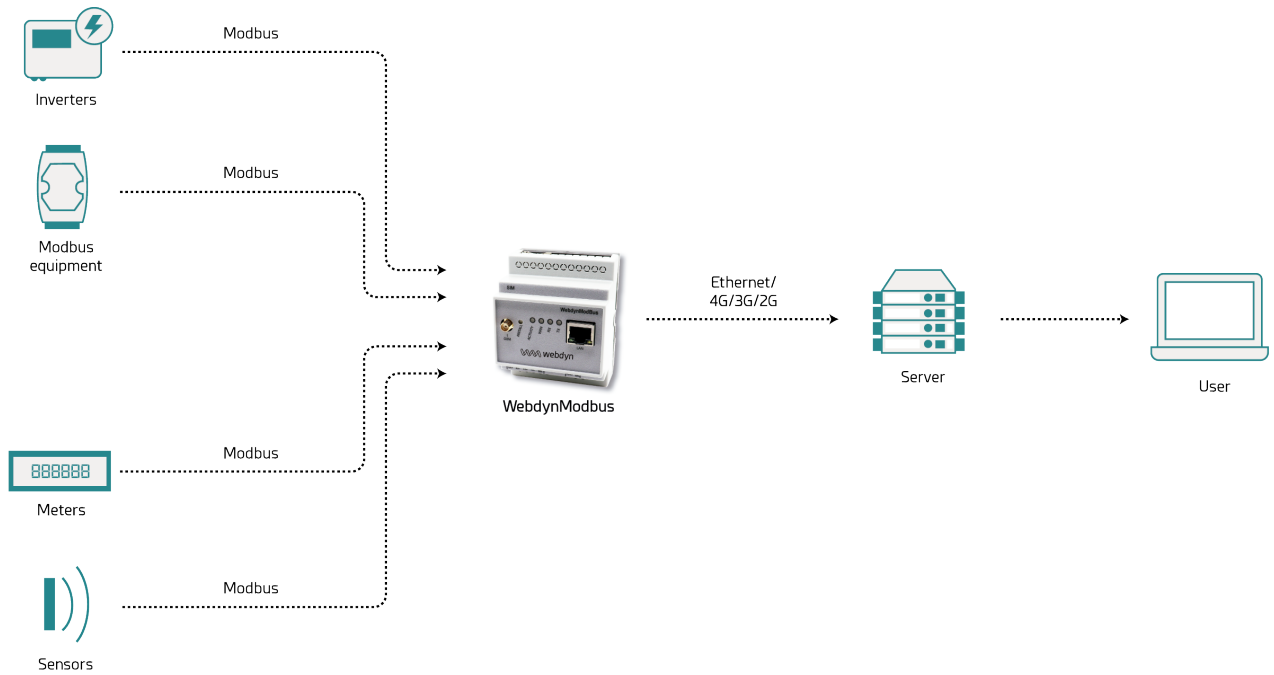
- 1x SMA connector: GSM
- 1x RJ45: Ethernet
- 2x terminal block: RS485, power supply



Characteristics

- TCP and RTU modes
- Status LEDs
- SIM card
- DIN rail
- DC input: +12 to +24 Vdc screw terminal
- Consumption: 3W max.
- Temperature range: -5 - 50°C
- Storage temperature: -20 - 85°C
- Dimensions: 70x86x59mm
- Weight: 130gr

Architecture



References

PRODUCTS

- WebdynModbus
- WebdynModbus 4G

WG0513-A01
WG0513-A04

ACCESSORIES

- Antenna GSM5+LTE700/2600 SMA M -IP67- RG58 - 5m
- Antenna GSM5+LTE700/2600 SMA M -IP67- RG58 - 10m
- Antenna GSM5+LTE700/2600 SMA M -IP67- RG58 - 20m

AC0201-11
AC0201-13
AC0201-12

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