

ModBridge

ModBus-APP communication bridge



ModBridge is a communication bridge between ModBus RTU devices with RS232 or RS485 and a Mobile Android APP which allows programming, configuration and registers visualization. ModBridge main purpose is to provide an advanced user interface, the iBridge APP, which makes reading the parameters of any instrument easy and at the same time allows you to change the configuration parameters. ModBridge works with **all devices** that use ModBus RTU on RS232 or RS485 serial ports. The adaptation to a specific register mapping happens thanks to communication libraries that can be downloaded from the website.



Technical features

GENERAL

- Bluetooth V.4.2 + EDR
- Optoisolated RS485
- Optoisolated RS232 (Rx, Tx, GND)
- Serial communication speed up to 115.200 bit/s
- Power supply 9-32VDC
- Average consumption 30mA

MECHANICAL

- IP41 plastic case for DIN rail mounting
- Size: 17,5 x 86 x 58 mm (1 DIN module)

SOFTWARE

- ModBus RTU on RS485
- ModBus RTU on RS232
- Easy and fast configuration through APP
- Default parameters:
IP: 192.168.1.100 DHCP disabled
9600 bps

ENVIRONMENTAL

- Operating temperature: -20°C ÷ +60°C
- Relative humidity: from 0 to 80% without condensation
- Storage temperature: -40°C ÷ +80°C

The advantage is to be able to **interface** any device equipped with the classic **RS232** or **RS485** serial port with tools and software based on IP protocols including **ModBus TCP**.