

Modbus LoRa Bridge

Wireless 433MHz RS485 connectivity

An innovative solution to enable RS485 communication wirelessly over LoRa network band. Package contains 2 devices, that make wired connection between Smartmeter and inverter, or any industrial sensor and controller wireless. Standard Baudrate is 9600, but can be reprogrammed according to needs of connected devices. Devices need additional Power Supply DC 8-28V (does not contain in the package).

Modbus LoRa Bridge is an additional clever solution in Qilowatt Modbus product family. It can be used in residential, commercial and industrial applications.

Function	Interface	RS485 / LoRa
	LoRa Frequency	433 MHz crypted
	Distance	Up to 1000m (default max 250m)
	Signal strength	Default 5dBm (max 22 dBm ext. antenna)
	Data speed	Default 62.5kbps
	Baudrate RS485 default	9600 (other values upon order)
Temperature and Humidity	Storage temperature	-40°C to +70°C
	Operating temperature	-20°C to +70°C
	Relative humidity	25°C @ ≤95%, no condensation
Parameters	Dimensions	125x30x66mm
	Weight	93g
Installation	Options	DIN
Power	Power Specifications	8-28VDC
	Current	0.045A/12V (recommended 1A/12V)
	Power consumption	max 1W

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