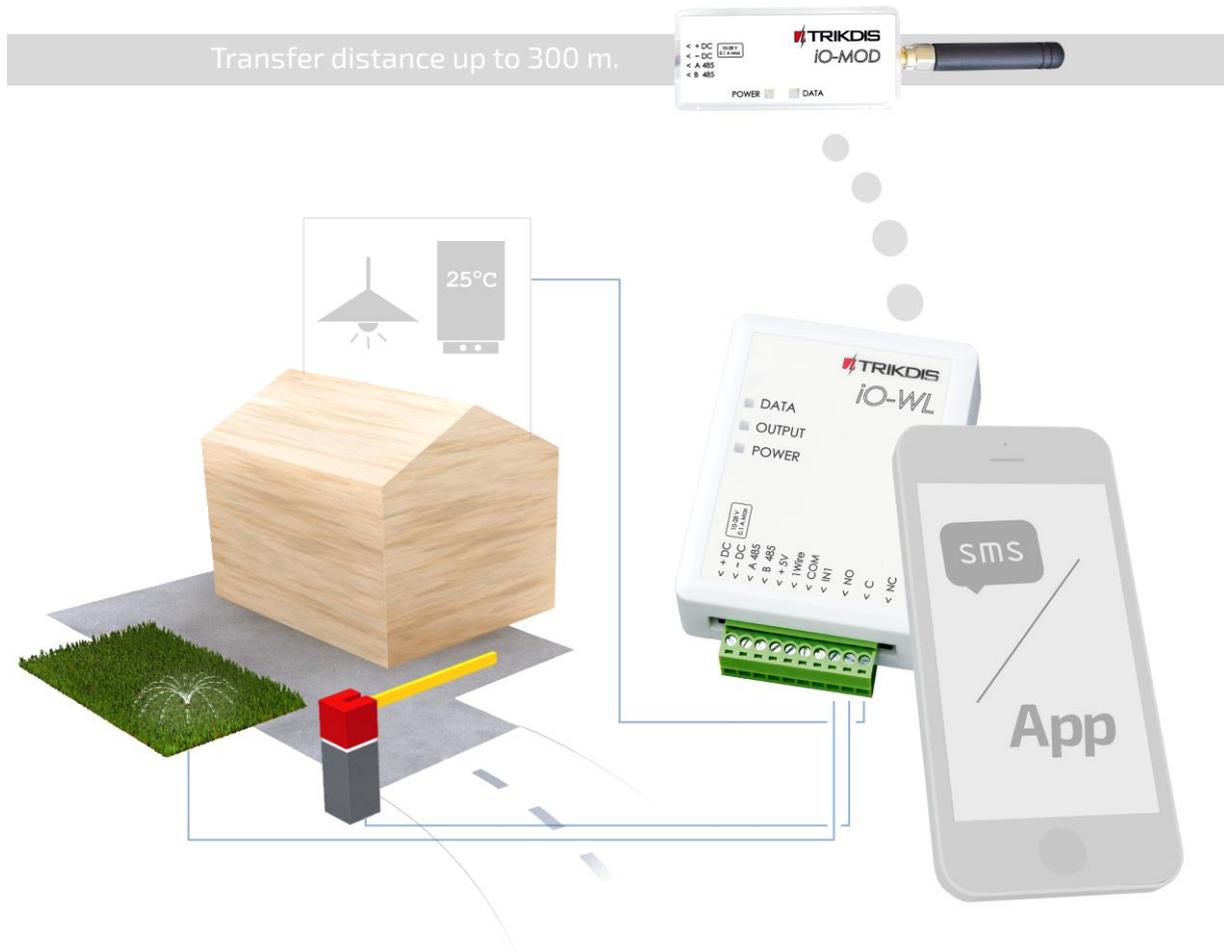


Wireless I/O expander iO-WL & iO-MOD

Offer your customers to add remote control of their heating, AC, gates or other equipment, when upgrading their alarm system.

iO-WL wireless expander with iO-MOD RF module expands the number of inputs and outputs on G16 communicator using two-way wireless RF connection.



Connection

Connection to communicator via:

- Wireless connection via iO-MOD, or
- RS-485

Communications

- Monitoring and Control with Protegus app.
- Wireless operating range in the area of direct visibility up to 300m.
- Possible to connect 8 expanders and up to 4 subsystems with G16 communicator.
- The Signal Strength Indicator (SSI) allows installers, during installation, to view the radio transmission signal strength on wireless devices in real time.

Inputs and outputs

- 1 Wire bus for temperature sensors
- 1 selectable type input, type: NC or NO
- 1 relay output

Technical Parameters

Parameter	Description
Transmission frequency	868 MHz
Modulation type	GFSK
Power supply	10-28VDC
Current consumption	50 mA (on standby) Up to 150 mA (while sending data)
Message encryption	Yes
Range in open space	Up to 300 m
Inputs	1, selectable type NC/NO
Relay output	Commutating up to 250 VAC, 4A max
Temperature sensors	1, DS18B20 or DS18S20
Operating environment	Temperature from -10 °C to 50 °C, relative humidity – up to 80% at +20 °C
Communicator dimensions	iO-WL (65 x 77 x 25 mm), iO-MOD (12 x 30 mm)