

BUS EXPANDER



Dear Customer!

Thank you very much for choosing our product. At the same time, please read this manual carefully before using it, as it indicates the most appropriate ways to handle this appliance, taking into account basic safety and maintenance principles. Please also retain the manual for future reference.

Remember!

The manufacturer will not be held liable for any damage caused by improper use of the device or improper handling, nor for any malfunctions of the controller resulting from improper operation.

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1 Preliminary information

Before using the controller, please read the User Manual carefully and strictly follow the instructions contained therein.

Description of symbols used in this manual:



Warning

This symbol indicates that it is necessary to read a specific section of the User Manual that contains important information and warnings. Ignoring these warnings may lead to injury or damage to the equipment.



Directions

Important instructions and information.

Observing the texts marked with this symbol facilitates operation.

2 Warranty and liability of the manufacturer



Warning

The manufacturer provides a one-year warranty for the device and a post-warranty service for a period of 10 years from the date the device was placed on the market. The warranty covers all material and manufacturing defects.

The manufacturer undertakes to comply with the warranty agreement if the following conditions are met:

- all repairs, modifications, extensions and calibrations of the appliance are carried out by the manufacturer or an authorised service centre,
- the mains power supply system complies with the applicable standards in this respect,
- the appliance is operated in accordance with the instructions given in this manual,
- the appliance is used in accordance with its intended use.

The manufacturer shall not be held liable for any consequences resulting from consequences of incorrect installation, improper use of the appliance, non-compliance with the operating instructions and repairs carried out by unqualified persons.



Warning

There are no parts in the appliance that the user is allowed to replace himself.

3 Safety of use

The module was designed with the latest electronic components, reflecting contemporary trends in global electronic technology. Particular emphasis has been placed on guaranteeing safety during use and the operational reliability of the control. The housing of the unit is made of plastic of a high quality standard.

3.1 Storage, operating conditions

The device should be stored indoors where the atmosphere is free of vapours and corrosive agents and:

- an ambient temperature of -30°C to +60°C,
- humidity between 25% and 90% (no condensation allowed)
- an atmospheric pressure of 700 to 1060hPa.

The unit is designed to operate under the following conditions:

- ambient temperature of -10°C to +55°C,
- humidity between 30% and 75%,
- atmospheric pressure of 700 to 1060hPa.

Recommended transport conditions:

- ambient temperature from -40°C to +85°C,
- humidity 5% to 95%,
- atmospheric pressure 700 to 1060hPa.

3.2 Installation and use of the modulemodułu

The module should be operated as recommended later in this manual.

3.3 Disposal and decommissioning

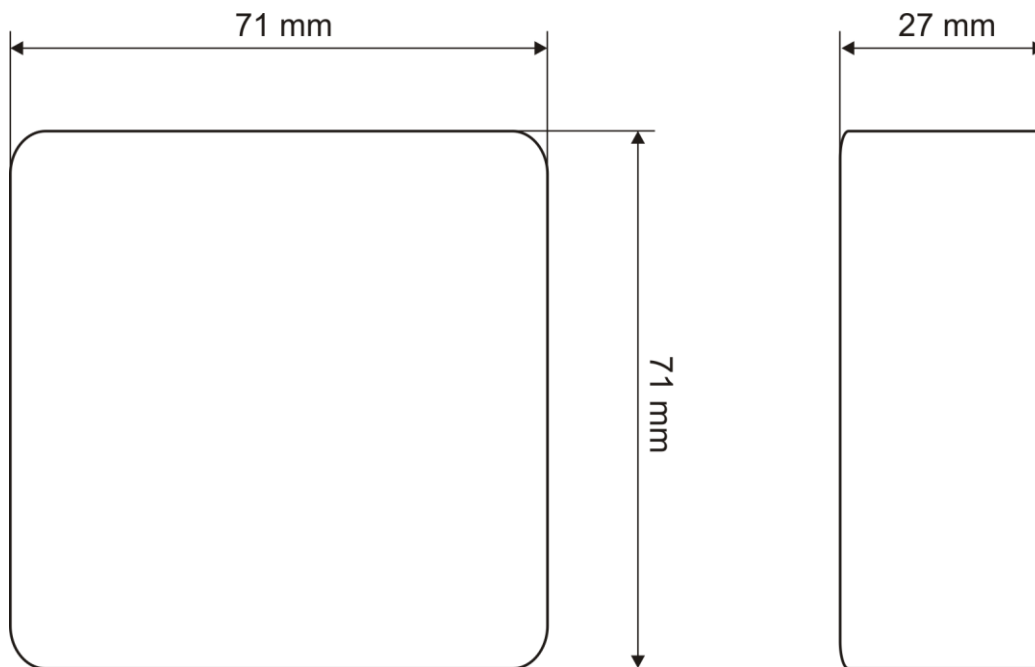
In the event that it becomes necessary to dispose of the unit (e.g. at the end of its useful life), contact the manufacturer or the manufacturer's representative, who is obliged to respond appropriately, i.e. to collect the unit from the user. The user may also contact companies dealing with the disposal and/or decommissioning of electrical or computer equipment. Under no circumstances should the appliance be placed with other waste.

4 purpose of the device

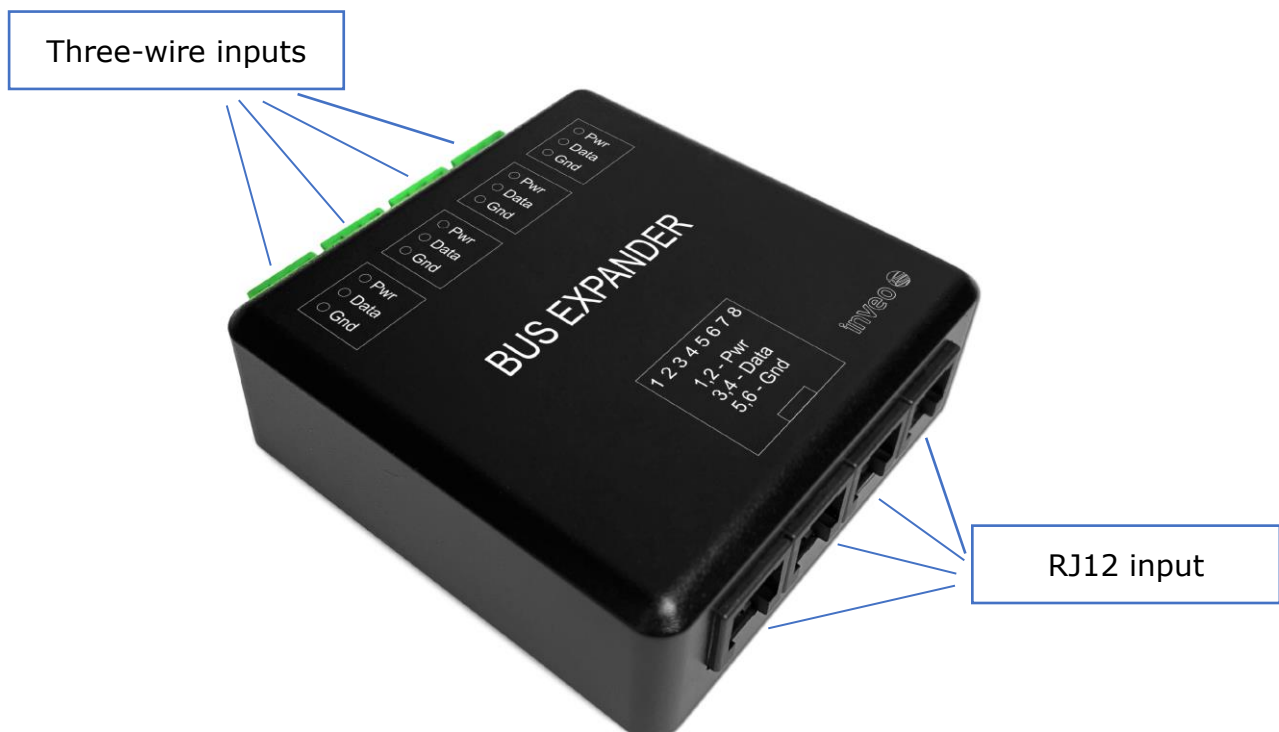
The BUS EXPANDER adapter has been designed to serve as a splitter that allows multiple sensors to be connected to devices such as IQIO, Hero Web Sensor or DAXI. It thus facilitates the expansion of the possibilities of connecting different sensors to a single device. To use its functions, simply connect the BUS EXPANDER directly to the selected device and then connect the required sensors to it.

5 Assembly of the unit

5.1 Dimensions



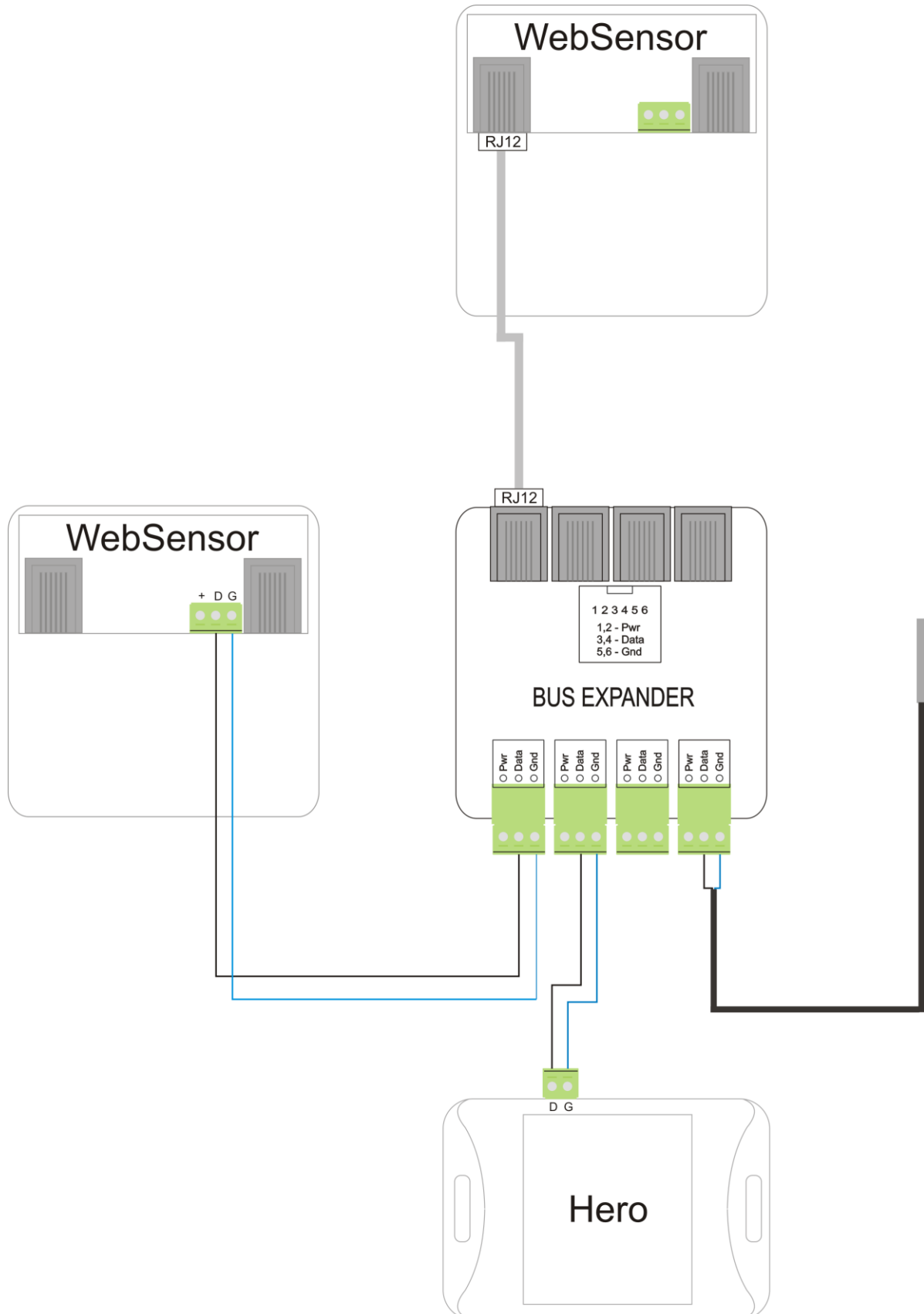
5.2 Device description



5.3 connection diagram

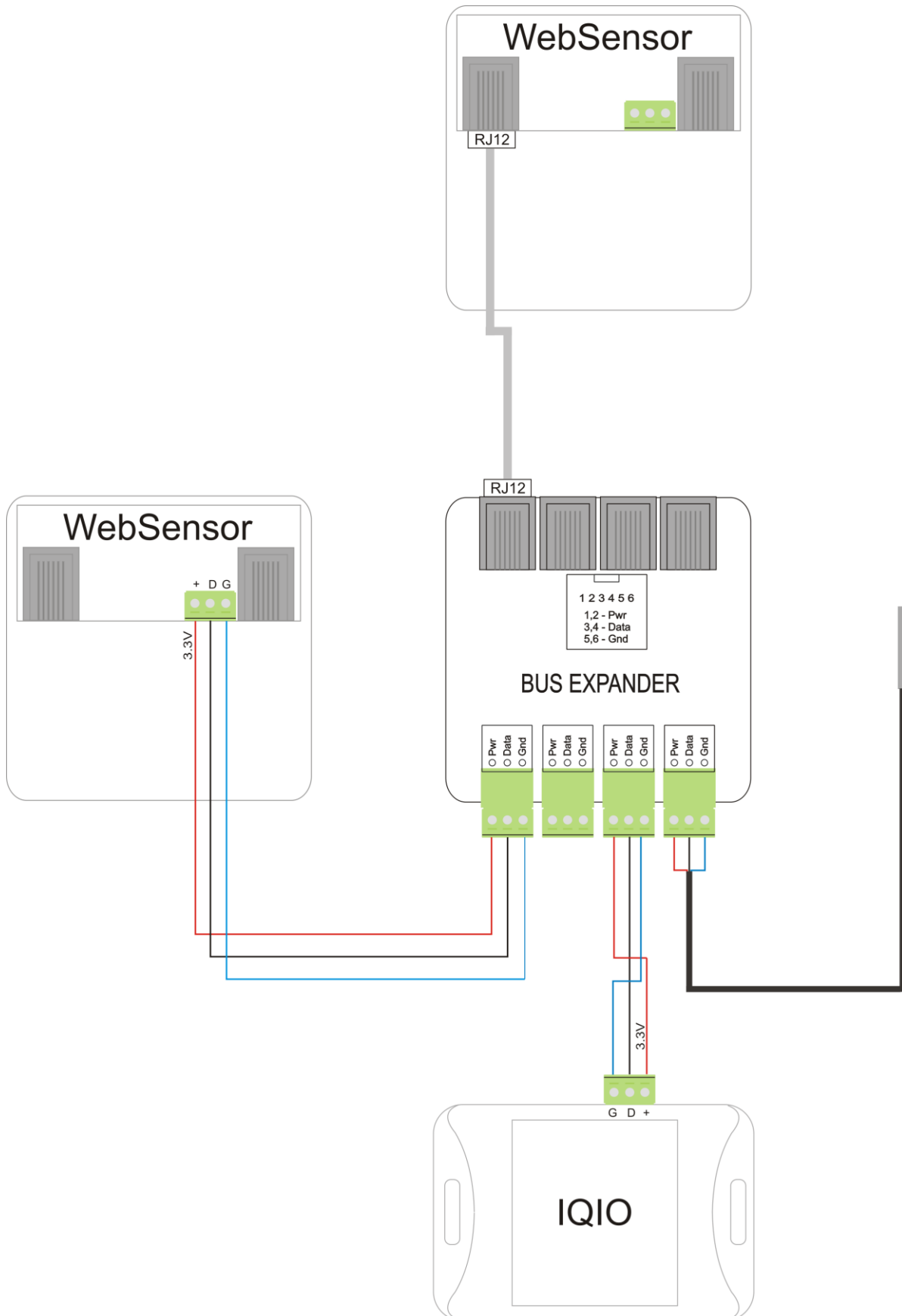
5.3.1 Use of BUS EXPANDER in an installation with Hero

Connect the BUS EXPANDER with the Hero Web Sensor using a two-wire cable to any 1-WIRE input. Connect the sensors using a two-wire cable, or an RJ12 connector. Please note that the Hero Web Sensor device supports a maximum of 4 sensors.



5.3.2 Use of BUS EXPANDER in an installation with IQIO

Connect the BUS EXPANDER with the IQIO device via a three-wire cable to any 1-WIRE input. Connect the sensors using a three-wire cable, or an RJ12 connector. Please note that the IQIO device supports a maximum of 6 sensors.





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