

Measure2go Sensor Gateway



Gateway Cellular-BLE

Instant cloud access
out of the box.



Cloud portal

Routes the data collected from the Measure2go wireless sensors to the cloud.



Web access

Easy access and simple administration directly via browser.

Switch on an measure.

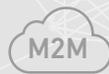
It observes Measure2go Sensor Interfaces and transmits the data to the Measure2go Cloud.



Bluetooth Smart
Sensor Interfaces



Bluetooth Smart
Actuator Interfaces



M2M
communication



SIM card
included



SSL/TLS
encryption



Any sensor. Anywhere.

Measure2go

Product features

Instant Measure2go connection

The gateway is pre-configured to connect with the Measure2go Cloud server out of the box. Just plug the power source and start.

Bluetooth Low Energy observer

The gateway immediately observes all Measure2go sensors in range. The broadcasted data is transferred to the cloud for further processing. Optional filtering is achieved by black or white lists.

Quad-Band GSM/GRPS modem

The powerful internal modem with pre-installed SIM Card connects to the mobile network.

Worldwide data flat

The gateway is obtained including a one year data flat for either Germany, Europe or the entire world. No hidden additional costs to the yearly subscription fee. When the monthly package is used up, data rate is reduced.

Low power design for battery driven applications

The gateway has been designed with power consumption in mind. With an additional battery pack long up times can be implemented – making it suitable for outdoor applications or energy harvesting systems.

Optional IP65 industrial casing for rugged environments.

Optionally the gateway can be shipped with IP65 connectors or in an extremely rugged metal casing – for deployment in rough or wet environments without compromises.

Encrypted MQTT data protocol

SSL/TLS encryption is used for MQTT message transfers.

Serial Line connectors for extended radio coverage

Up to two chains of multiple additional Bluetooth receivers can be connected with a total length of half a mile each. That way, the radio coverage can be extended heavily.

Specifications

Bluetooth standard	Bluetooth Low Energy 4.0
Bluetooth range	Up to 50 meter
Cellular technology	Quad-band GSM/GRPS modem GSM 850, 900, 1800, 1900 MHz UMTS 850, 900, 1900, 2100 MHz
Data protocol	MQTT
Encryption	SSL/TLS
Housing	Standard or IP65 (Aluminium)
Operating temperature	-40 to 85 °C
Power supply	12–24 V
Dimensions	Standard version: 231 x 125 x 40 mm IP65 version: 259 x 128 x 60 mm

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The company *taskit* has been developing, manufacturing and supplying electronic modules, devices and systems since 1988. Engineering companies and renowned corporations have been placing their trust in our expertise and quality for ready-made devices and system-wide individual solutions in hardware and software. We deliver our products around the world.

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