


myDatalogEASY IoT GW ATEX 2G/3G/4G World



Technical data

Bluetooth	5.0 compatible Low Energy module
Power supply	Battery or direct
Supply or charging voltage	12...32VDC (max. 12W)
Operating temp.	-20...+50°C , 15...90%rH
Antenna connector	up to 2 x FME-M ¹⁾
Degree of protection	IP66 / IP68 (IP68: 105 days @ 1m)
Ex certification	 II 3G Ex ec nC IIC T4 Gc
Data memory	3MB
Dimensions (WHD)	130 x 240 x 84mm (w/o antenna)
Housing material	Plastic
Weight	770g (w/o Power Supply Unit)
Transmission	Bluetooth Low Energy: Range: approx. 20m 2G/3G/4G World: 2G GPRS 900MHz / 1800MHz 2G GPRS 850MHz / 1900MHz UMTS B1, B2, B5, B8 LTE FDD B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B26, B28 LTE TDD B38, B39, B40, B41
SIM	<ul style="list-style-type: none"> integrated SIM chip SIM slot ²⁾
Display / operation	3-colour LED / Solenoid switch

¹⁾ Depending on the variant and installed additional modules

²⁾ Additional costs will be incurred to release these features.

Application

The myDatalogEASY IoT GW ATEX 2G/3G/4G World is a freely programmable device for recording, processing and transferring signals. The application program can be created within a few hours with the help of the rapidM2M Studio . The myDatalogEASY IoT GW ATEX 2G/3G/4G World is equipped with an integrated Bluetooth Low Energy module for wireless communication with sensors and actuators.

Product characteristics

- ATEX certified for Zone 2
- Programmable using scripting language
- Bluetooth Low Energy module
- internal battery compartment
- Optional battery or direct power supply
- Exact calculation of the battery charge using Coulomb method
- Integrated charge controller
- Configuration of the device via web portal
- Very low commissioning and operating costs
- Hardware Real-Time Clock
- Integrated durable SIM chip

Scope of supply	Order no.
myDatalogEASY IoT GW ATEX 2G/3G/4G World	301453
Housing cover	
4x hexagon socket screw M6x30	
Gas protection set for myDatalogEASY IoT series	
MDN Magnet	

One of the following PSUs is essential for operation:

- Battery pack: PSU713 BP (300526)
- Direct DC power supply: PSU DC (300529)