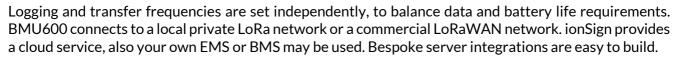


BMU600 Environs Monitor

The BMU600 is a grid independent utility meter and environs monitor. Surface mounted and battery operated, it's easy to install anywhere, and runs for about 10 years on one battery. Data is transferred via a LoRa RF connection.

The BMU600 connects to pulse, Modbus and I2C sensors and meters, and can be further expanded to analog measurements.





- Integrated LoRa RF low power wide area network module
- 4 open collector inputs for pulses OR
- 2 open collector inputs and RS485 Modbus
- Optional combined RH/T input
- Optional external temperature sensor input
- I2C bus for external sensors or the BMX8A measurement extension for analog inputs
- Modbus meter compatible
- Local buffer of 13 000 measurement cycles for transfer network failures (135 days with 15min logging frequency)

- Expected battery life over 10 years with factory installed EVE ER26500M 3.6V 6Ah
- Compatible batteries e.g. SAFT LSH14 and ULTRALIFE ER26500M
- Reports battery voltage to server
- Operating temperature -25°C ... +55°C
- Operating RH 5%...95% non-condensing
- Flanged PC plastic enclosure IP65
- IP44 with cable glands for wiring
- (WxHxD 145 x 90 x 55mm)
- LoRa antenna included

Typical applications

Utility meter and environment monitoring in off-grid locations, or for installation simplicity

Server interface

Server communication via LoRa Gateway

Delivered pre-configured

Extra features

- Optional cloud service for reporting and device management
- Use Gluon GMU491 & Gluon GMU632 as LoRa Gateway for a private network