



Smart Connections

## Gluon GMU331

The Gluon GMU331 is a smart gateway for acquiring data from a large number of Modbus fieldbus meters, automation systems, and compatible ionSign data acquisition products. It is autonomous, fault tolerant and easily installed.

The GMU331 collects data from any Modbus fieldbus system and securely conveys that to a server using LAN/TCP-IP. After initial setup, data is collected and transferred autonomously, without the need of a server or user induced query.

The logging interval is defined by the user (1 min and up). Gluon GMU331 secures time series continuity in case of transfer network failures by carefully buffering the collected data. It also independently recovers from power outages. You will have minimum need of intervention after setup.

Gluon GMU331 provides an effortless way of securing a constant data flow from your remote locations. It is the Modbus fieldbus support for your IoT and Big Data applications.



### Technical specifications

- 2 RS485 interfaces: Modbus master and slave
- 250 measurement capacity (Modbus registers)
- Data buffering for 13 000 measurements
- 135 days buffer at 15 min logging interval
- Base64 encoded authorization support
- Integrated LAN/TCP-IP connection
- Operating voltage 12...24 VDC
- Current consumption 110 mA
- Operating temperature -25°C ... +50°C
- Storage temperature -30°C ... +85°C
- Operating humidity 5%...95%, non-condensing
- 3 module wide DIN rail enclosure
- (WxHxD 53x90x52mm)
- IP20

### User interface

- Easily configured with integrated web server
- Supports separate data and device management servers
- After setup, data streams without queries
- Standard HTTP reporting protocol allows easy server application development

### Extra features

- Available with installation enclosure for higher IP class
- Available with 3G connectivity instead of TCP-IP (Gluon GMU101)
- Compatible with any third party wired Modbus device