

ionSign GMU331

The 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/Ethernet. 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). The GMU331 secures time series continuity in case of transfer network failures by carefully buffering the collected data. It also independently recovers from power outages.

ionSign GMU331 provides an effortless way of securing a constant data flow from your remote locations.



Technical specifications

- 2 RS485 interfaces: Modbus master and slave
- 250 measurement capacity (Modbus registers)
- Data buffering for 2 000 measurements
- 3 weeks buffer at 15 min logging interval
- LAN 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

- Easy to control with integrated web server
- 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
- Compatible with ionSign GMU291, GMU191, PMU261 and Neutron 12-CT