

The Gluon devices are designed for **constant data acquisition from a variety of industrial IoT applications**. They can communicate to ionSign Cloud, or to a **commercial or bespoke cloud**, with appropriate interfaces. All devices support separate data and maintenance servers, providing **flexibility to interfacing**. All devices have support for encoded Basic http authorization. Separate enclosures available for higher IP class. For complete feature list, refer to info sheets and manuals.

Device Type	Power supply	Connectivity	Signal Inputs	Buffer Capacity	Configuration UI	Size, mm Mounting	IP Class	Delivery includes	Output	
GMU101	230VAC (12VDC)	3G, https	RS485 Modbus (optional 2 open collector inputs)	13 000 measurement cycles (i.e. all device inputs and Modbus registers)	SMS	W125xH51xD25 Wall mount	20	GSM antenna, plug-in power supply		
GMU331	12-24VDC	LAN	RS485 Modbus Master & Slave		Device Installer, Browser	W53xH90xD52 3 DIN modules DIN rail	20			
GMU631		LoRa	RS485 Modbus		RS485		20	LoRa antenna		
GMU632							20	LoRa antenna		
GMU191		3G, https				SMS, RS485		20	GSM antenna	24VDC max 2A
GMU291		RS485 Modbus	8 open collector or relay inputs, 10 analog inputs (4 – 20 mA or 2 – 10V), PT1000, 2 x RS485 interfaces for Modbus Master & Slave		RS485		20			
GMU391		LAN			Device Installer, Browser	W156xH90xD52 9 DIN modules DIN rail	20			
GMU691		LoRa			RS485		20	LoRa antenna		
GMU491		3G, LAN, direct to MS Azure, AWS, IBM Watson, ion-Sign Cloud	6 open collector or relay inputs, 10 analog inputs (4 – 20 mA or 0 – 10V), PT1000, 2 x RS485 interfaces for Modbus Master & Slave		Browser		20	GSM antenna	24VDC max 2A	
BMU100		3,6V 6Ah battery	3G, https		4 open collector inputs, optional Modbus, I2C inputs and analog extension	13 000 measurement cycles	SMS	W145xH90xD55 Wall mount	(65) 44	GSM antenna
BMU600			LoRa, LoRaWAN			LoRa	LoRa antenna			