

# EDGE INDUSTRIAL & AGRI SOLUTIONS

## FEATURES & BENEFITS

- Continuous remote monitoring and configurability
- Programmable alarms and alerts for fault conditions
- Onboard data logging for offline situations
- Rapid install and commissioning (via Bluetooth App)
- Retrofittable to many RS485/CAN/RS232 machines
- Simple to use and easy to install via Android and iOS mobile apps
- Affordable and reliable
- Reports local temperature, humidity, Cellular RSSI, and battery level
- External antenna option for bad coverage areas
- Exact GPS location (optional)
- Customisable operation for manufacturers, dealers and end users
- Service engineers mobile application
- Supports BLE beacon server for location and proximity services
- Supports communication to wired and wireless (BLE and LoRa) sensors
- Up to 5 year battery life (configuration dependent)

## APPLICATIONS

- Energy Monitoring and Control (Demand Side Management)
- Machine and Plant Utilization Gateway
- Intelligent Renewables Monitoring (Wind/Solar)
- Waste Management
- Support Precision Farming
- Animal Health Sensor Gateway
- High Value Asset Condition Monitoring
- Cold Chain Monitoring & Control
- Building Management Systems
- Electrical Power Monitoring & Control
- Generic Sensor Network Hub for Smart Cities, Smart Agtec



## SPECIFICATION

<b>System</b>	Firmware/OS	RTOS + Applications Libraries (Real Time Performance)
	Security	Cloud Mutual authentication Hardware root of trust Secure key storage
<b>Radios</b>	Cellular Modems	2G, 3G, 4G, NB-IOT, CAT-M
	Cellular Antenna	Integrated PCB Antenna Options External Antenna Options
	GNSS	GPS/GLONASS/GALILEO/BEIDOU (use external antenna)
	Bluetooth	BLE 4.1
<b>Physical</b>	Operating Temperature	-20°C to +80°C
	Enclosure	DIN Rail enclosure
<b>Power</b>	Voltage	6V - 24V
	Current	2A - 3A



**4G CAT 1**  
**3G**  
**2G**  
**NB-IOT**  
**LTE CATM**



**GPS**  
**GLONASS**  
**GALILEO**  
**BEIDOU**



**BLE4.2**  
**BEACONS**  
**ANDROID**  
**IOS**

