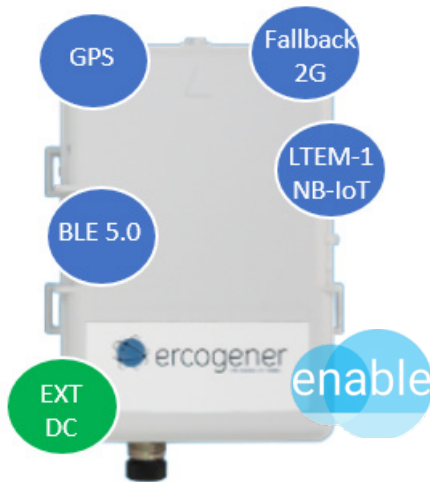


EG-IOT LTE-M/NB-IOT WITH 2G FALLBACK POWERED INDUSTRY 4.0 TELEMETERING MODEM

Robust product designed to report multiple information on industrial sites



External power supply
with backup battery
1A.h



Compact
90 x 65 x 35 mm



Robust
IK09



Embedded application
Ease EG-IoT or specific



Waterproof
IP67 and IP69K



Multiple connectors
2 optocoupled inputs
1 open collector output

Réf. : EG-IoT 1AA6

2 years warranty



FUNCTIONALITIES

- Temperature monitoring with ENABLE
- Time-of-use calculation (hour meter)
- Event counting (rising or falling edge)
- Control on input condition
- Remote parameter setting

Available options :

- Activation clip K013
- Fixing bracket K015
- Magnet K031

ENABLE OFFER

- An EG-IOT can collect up to 50 surrounding tags
- BLE tag with identifier
BLE tag for temperature measurement :
 - Range: -40 to +85°C
 - Resolution: 0.0625°C
 - Accuracy: ±0.5°C maximum (0°C to 65°C) ±1°C maximum (-40°C to 0°C & 65°C to 85°C)
- BLE tag for temperature and humidity measurement



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USE CASE EXAMPLES



Mobile inventory



Cold chain



Calculation of usage time

The EG-IoT 1AA6 responds to multiple industrial use cases. It provides remote visibility into critical events such as operating alerts on rotating machines or equipment usage time to predict the next maintenance.

TECHNICAL SPECIFICATIONS

Internal functionalities

GNSS	GPS, Glonass, Galileo
Magnetometer	3 axes
Accelerometer	3 axes
Temperature indication	Internal to the device Range [-20°C < T° < 60°C]

Connectivity

Bluetooth Low Energy	BlueTooth Low Energy V5.0
LTE-M	Bands 3,8,20
NB-IoT	Bands 3,8,20
2G	850 / 900 / 1800 / 1900Mhz
Enable	Sniffing BLE tags

Technical specifications

Dimensions	90 x 65 x 35 mm
Net weight	160 g
Waterproof	IP 67 and IP69K
Impact resistance	IK09
Materials	ABS / PC UL94 V0
Fixings	Brackets, plate, clamps; DIN rail clip
T° of use	-20°C < T° < 60°C
Energy	External (8 to 30 VDC) + backup battery 1A.h
Refill	Rechargeable battery 1A.h
Waterproof M8 connectors	2 opto-coupled digital inputs 1 open collector output

Certifications

Reach, RoHS	
CE	

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