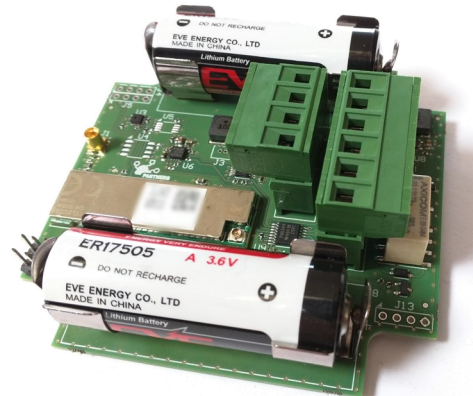


- PROGRAMMABLE
- 3D COMPASS
- SIGFOX
- STORAGE
- TEMPERATURE
- GPS
- LONG BATTERY LIFE
- HUMIDITY
- 3D ACCELEROMETER
- LOGGER
- 4-20 mA
- 0—10 V
- DRY CONTACT
- RELAY

Product Description

Barkeno is a IoT small programmable logger that uses SIGFOX or LoRaWAN network. It has a built-in battery and can be used in a variety of applications depending on the programming:

- Thermostat controls
- Environmental monitor and HVAC
- Cold chain monitor
- Position & Orientation detection
- Motion-activated functions
- Motion & Vibration monitoring
- GPS Tracking & Position report
- Metering
- Remote 4-20 mA / 0-10V sensors



Model	SENSORS					OPTIONAL		
	Temp	Hu- midity	3D Acc.	3D Mag	4-20 mA 0-10 V	GPS	F-RAM	Relay
A	■	■				■	■	■
B			■	■		■	■	■
C	■	■	■	■		■	■	■
D	■	■			■	■	■	■

The collected data is sent to our IoT Cloud to allow rapid application deployment.

The IoT Cloud works with most popular cloud services and it is customizable for your application.

Radio Modem	SIGFOX Ready™ or LoRaWAN A Class
Optional GPS	GPS/GLONASS, 3 meter accuracy, internal antenna
Optional F-RAM memory for storage	Up to 1Mbit, USB PC Downloadable
Integrated battery	Li-SOCl ₂ battery (up to 2 x A size)
Low Power	Years of lifespan depending on battery and application
Temperature sensor	-30°C to +75 °C ±0.0625 °C
Humidity sensor	0 to 100% RH ±0.15% RH
3D Accelerometer	±2.0/±4.0/±6.0/±8.0/±16.0/±100/±200/±400 g
3D Magnetometer	±2 / ±4 / ±8 / ±12 gauss
External Interface	I2C / Digital In-Out / Analog In-Out / 4-20 mA / 0-10V / Dry
Actuator	220V 2A Relay NO / NC
Programmable	Application-programmable

