# RECON DYNAMICS

## )( PILLAR

# *Standard* **LINEBACKER™**

## Data Sheet

## QUICK FACTS

5-10+ year battery life

Automatic data transfer

Motion sensor

Temperature sensor

Over-the-air programmable

Industrial strength

Location tracking via install location

A cost-effective cloud-based data platform that uses line movement and vibration to detect failures and precursors to failure in electric utility assets, line-by-line and pole-to-pole in real-time.

It uses edge computing and machine learning to provide critical insight into hardware, mechanical and electrical issues on the lines that may or may not be outwardly visible – before and after ignition.



## RADIO SPECIFICATION

Standard: **802.15.4**
RF Rx Sensitivity: -**97dBm**
Tx Output Power: **+5.6 dBm**
Standard Transmit Interval: **5 minutes**
Transmit Count: **1M+**

## BUILT-IN SENSORS

Motion: **Internal 3-axis accelerometer**
Temp: **± 3% over operating range**

## PHYSICAL AND ENVIRONMENTAL

Dimensions:
**10  x 8.5 x 3.5 in**
**243 x 215 x 83 mm**
Weight: **9.625 oz, 271g**
Environmental Rating: **IP68**
Operating Temp Range:
**-40 to +140°F**
**-40 to +60°C**

## POWER

Battery: **Non-rechargeable Lithium Thionyl Chloride battery**

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# Welcome to Effortless.