



Barrel Sensor

Model Number: **CBLE-SN014**

- Powered by a leading wireless chipset which uses a sophisticated on-chip power management system.
- Low Power Utilisation: Up to 7 years battery life under normal operation conditions.
- Ideal for Vibration Monitoring, Temperature Monitoring and Asset Tracking Solutions.

KEY FEATURES

Bluetooth Type

BLE 5.0

Battery

2 X 3.6V (4800mAh) Primary Lithium

Weather Proofing

UV Resistant and IP67 rated

TECHNICAL SPECIFICATIONS

Vibration Sensor

3-axis, $\pm 2g/\pm 4g/\pm 8g/\pm 16g$ scales, with supported output data rates from 10 Hz to 200 kHz

Temperature Sensor

Typical absolute accuracy $\pm 0.5^{\circ}\text{C}$ at 25°C , $\pm 1^{\circ}\text{C}$ at $0-25^{\circ}\text{C}$, output resolution 0.01°C

Operating Frequency

2.4 GHz ISM

Operating Temperature

-40°C to $+85^{\circ}\text{C}$
Recommended: -20°C to $+65^{\circ}\text{C}$

Transmission Range

Up to 100 meters line of sight

Dimensions

25mm (H) X 51mm (W) X 58mm (L)

Weight

67 grams

Certifications

FCC / CE





Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

