

## BANDED INTERNAL TPMS SENSOR FOR TIRE LINC®

**ELECTRONICS** 

## **Description and Specifications**

The Lippert Tire Linc® Banded Internal Sensor is an internal tire pressure and temperature sensor that transmits a radio frequency (RF) signal from the tire to the TireLinc Repeater which, in turn, broadcasts a Bluetooth signal to a mobile device or the Lippert Tire Linc LCD Display.

Key features include:

- 433 MHz sensor with 9.6 KHz refresh rate transmitting at ≤8 dBm
- Operating temperature between -20° 85°C (-4° –185°F), ± 3°C accuracy
- Capable of monitoring up to 188 psi, ± 1.5 psi accuracy
- Expected ≥3-year battery life under normal operating conditions
- 34 g sensor weight

When mounted to the appropriate aluminum band, the sensor is compatible with 15"-17.5" wheels. Sensors pair using the same procedure as external sensors in the OneControl, Compass Connect and Lippert Connect Mobile App.

When the battery voltage begins to approach 1.9V on a tire sensor, it is time to schedule a service appointment to replace the sensor for that tire. If the battery is dead, the sensor assembly must be replaced. The battery life is estimated to be three years.

**NOTE:** Use of tire sealant will cause damage to the internal sensor and may impact sensor readings.

Specifications	
ltem	Sensor
RF Working	433.91 ~ 433.93 MHz
Frequency	
Modulation	9.6 KHz
Frequency	
Transmission	≤8 dBm
Frequency	
Standby	0.5 ~ 2.0 uA
Current	
Working	9 ~ 18 mA
Current	
Working	-20° ∼ 85°C
Temperature	-4° ~ 185°F
Storage	-30° ∼ 85°C
Temperature	-22° ~ 185°F

Specifications	
ltem	Sensor
Weight	34 grams 2 ounces
Size	68 x 32 x 16 mm 2.7 x 1.3 x 0.6 inches
Battery Life	≥ 3 years
Temperature Accuracy	± 3°C
Pressure Range	0 ~ 188 psi
Pressure Accuracy	±0.1 Bar/1.5 psi
Firmware	1
Model Number	4

As a supplier of a broad array of highly-engineered components in the recreation and transportation product markets, safety, education and customer satisfaction are our primary concerns. Should you have any questions, please do not hesitate to contact us at 432-LIPPERT (432-547-7378) or by email at <a href="mailto:customerservice@lci1.com">customerservice@lci1.com</a>. Self-help tips, technical documents, product videos and a training class schedule are available at <a href="mailto:lippert.com">lippert.com</a> or by downloading the LippertNOW app.