

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 $-20^{\circ} - 85^{\circ}\text{C}$ ($-4^{\circ} - 185^{\circ}\text{F}$), $\pm 3^{\circ}\text{C}$ 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	
Item	Sensor
RF Working Frequency	433.91 ~ 433.93 MHz
Modulation Frequency	9.6 KHz
Transmission Frequency	≤ 8 dBm
Standby Current	0.5 ~ 2.0 μA
Working Current	9 ~ 18 mA
Working Temperature	$-20^{\circ} \sim 85^{\circ}\text{C}$ $-4^{\circ} \sim 185^{\circ}\text{F}$
Storage Temperature	$-30^{\circ} \sim 85^{\circ}\text{C}$ $-22^{\circ} \sim 185^{\circ}\text{F}$

Specifications	
Item	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	$\pm 3^{\circ}\text{C}$
Pressure Range	0 ~ 188 psi
Pressure Accuracy	± 0.1 Bar/1.5 psi
Firmware	1
Model Number	4



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