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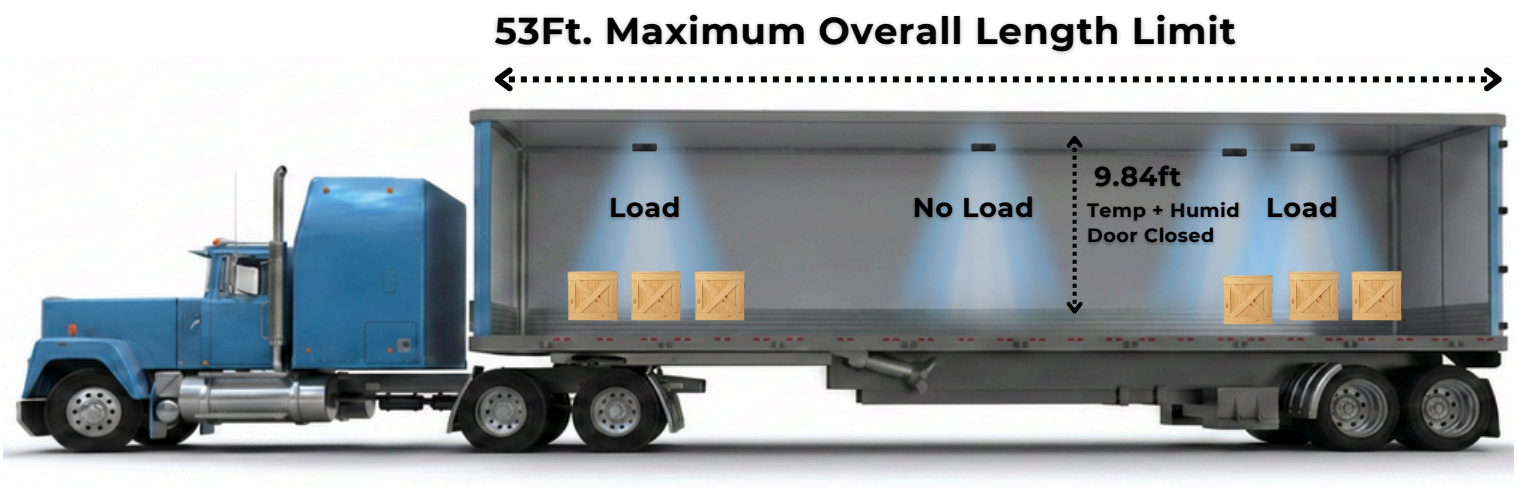
Knowing Counts

BLE6R RANGE SENSOR BLE TAG

The BTB06R Range or Distance Monitor is a rugged Bluetooth® Low Energy sensor designed to provide accurate, real-time distance measurement for smart monitoring applications. Using advanced Time-of-Flight (ToF) technology, the sensor tag measures the distance between the sensor and nearby objects, making it ideal for monitoring proximity or distance for yard management, loading docks, and inventory. It's compatible with one or multi-zone trailers and lasts for up to 5 years on a single replaceable battery. Its IP68 rated enclosure and compact form factor allow for reliable deployment in demanding indoor and outdoor environments.

CARGO: ZONE MONITORING/TEMP/HUMIDITY

LOAD DETECTED VS NO LOAD VIA BLE SENSORS



- Measures distances up to 300cm for a wide range of monitoring applications
- Ultra-low power for long battery life up to 5 years of battery
- IP68 rated waterproof and dustproof enclosure
- Compact, lightweight design for quick and discreet installation
- Configurable ranging modes for different monitoring applications
- Periodic reporting mechanism reduces power consumption while providing scheduled sensor updates
- Seamless with Cisco Spaces & Bewhere
- Inventory and stock monitoring for warehouse shelves, bins, and storage containers
- Supports predictive maintenance by enabling proactive servicing before supplies run out

Monitor real-time proximity and distance to enhance yard visibility, improve loading dock efficiency, and optimize inventory management.

Ultra-low power for long battery life

Expand tracking to more assets

Detects cargo presence in a 53 ft trailer.

Simple & Cost Effective Installation

New sales: info@BeWhere.com
Existing Customer, new orders: orders@BeWhere.com
General information: BeWhere.com

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Technical Specs

Connectivity:	BLE 6.0
Memory:	1.5 MB NVM / 256 kB RAM - full nRF Connect SDK support
Range:	+8 dBm (QFN) / +7 dBm (CSP)
IP Rating:	IP68
Dimensions:	80.0 x 35.5 x 19.5 mm
LED:	Red
Color:	Black
Material:	PC + ABS (BB-T85)
Battery Capacity:	2000 mAh I Replaceable battery
Battery Lifespan:	3 years
Operating Temp:	-20 ~ +70 °C
Transmission Range:	up to 150m (without any obstacles)
Installation:	06: Sticker & Screw
Certification:	FCC I IC I CE I RoHS I REACH*
Sensor:	TOF: Range Hall: Activation
Shock Resistance:	IK08*
Network:	Cisco, Gateway

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