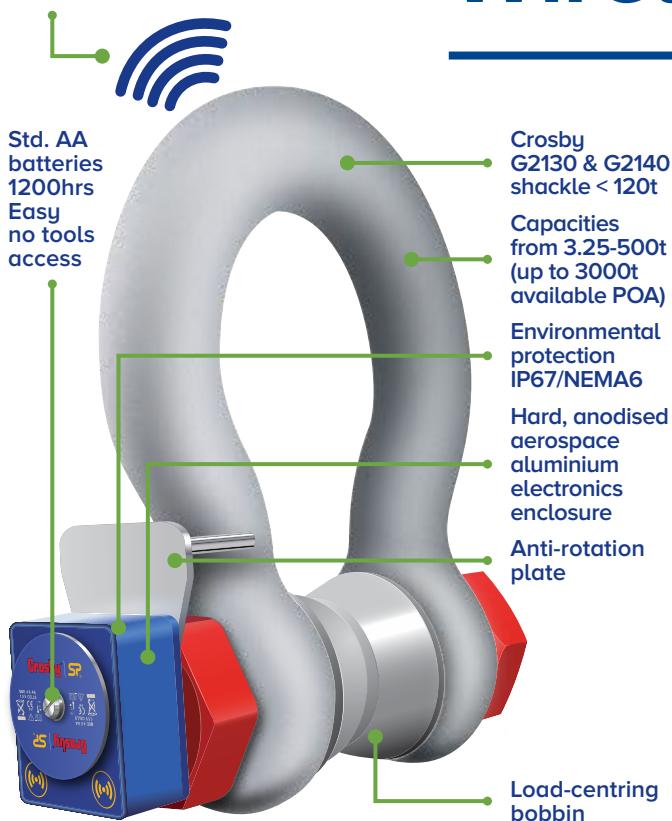


# Wireless Loadshackle

Internal Antennae  
700m/2300ft range



## Features and benefits:

- Proprietary 2.4 GHz wireless
  - Error free data transmission
  - Industry Leading Wireless Range of 700m/2300ft
  - Environmentally sealed to IP67/NEMA6
  - Internal antennae
  - Remote on/off
  - Unrivalled resolution
  - Unmatched battery life of 1200hrs
  - Low headroom solution
  - Manufactured using leading brand shackles
  - Each WLS is supplied with a load-centring bobbin
  - Design validated by F.E.A.
  - Bluetooth option is available and is supplied with a free HHP App for iOS and Android
- See page 29

**Straightpoint's Wireless Loadshackle (WLS) provides the perfect solution to limited headroom or super heavy lift projects. Available from stock in capacities from 3.25t to 400t (up to 3000t available POA) the WLS is constructed using industry leading shackles from Crosby.**

Straightpoint's Wireless Loadshackle provides the perfect solution to limited headroom applications. Each Wireless Loadshackle is proof tested, then equipped with a hard anodised aluminium electronics enclosure. Contained within this aluminium enclosure is a new internal chassis providing IP67/NEMA6 environmental protection even with the battery cover plate missing.

Featuring industry leading wireless technology and range of 700m/2300ft, the Wireless Loadshackle is supplied with an update rate of 3Hz and can be easily configured to run at industry leading speeds of up to 200Hz. Data is transmitted wirelessly utilising the latest in IEEE 802.15.4 (2.4 GHz) technology providing safe, high integrity, error free transmission of both static weight and dynamic load to a wireless handheld controller or wireless Windows PC data logging software package. Straightpoint's wireless data logging software allows for simultaneous control, display and real time data logging of up to 100 Straightpoint telemetry load

cells. Logged data is captured in a .csv file format and opens in MS Excel providing easy visual presentation, analysis of logged data, and simple test certificate generation.

The Wireless Loadshackle may also be used with Straightpoint's SW-PTP software package allowing the operator to perform load tests at a safe distance and generate real time test certificates on site.

Straightpoint's Wireless Loadshackle utilises easily sourced AA alkaline batteries and features advanced circuitry designed to protect the unit from damage associated with incorrectly installed batteries. This advanced circuitry extends battery life and the use of easily sourced alkaline batteries eliminates issues associated with rechargeable battery pack charging, failure and replacement. Straightpoint's huge range of tooling allows the engineers to calibrate in shackle for extra accuracy unlike many other load cell manufacturers.

A full array of wireless accessories are also available including signal boosters, LED wireless scoreboards and base stations with analogue (4-20mA, 0-10v, 0-5v) or digital (RS232/485, Modbus RTU, and ASCII serial communications protocol) outputs. There is no better choice than Straightpoint's Wireless Loadshackle for limited headroom applications.