

BroadWeigh

Dynamic Wireless Load Monitoring

2016



Overview of BroadWeigh

BroadWeigh™ portable wireless system offers real-time, simple, effective and accurate load monitoring for rigging professionals.

It enables users to monitor and log the **precise loads** on any given rigging point. Features include:

- Wireless Crosby load cell shackle, 5:1 safety factor
- Robust, rugged and compact design
- High accuracy load pin with zero trim loss
- Easy to setup wireless communications
- Free logging software for up to 100 channels

BroadWeigh Shackles

- Easy to use
- Range of up to 800 m
- Crosby shackle with integrated electronics available in two capacities:
- 4 ¾ tonne (BW-S475) and 3 ¼ tonne (BW-S325)
- 5:1 safety factor
- Accuracy of $\pm 1\%$ of current load or ± 25 Kg, whichever is the greater value
- Zero Trim Loss
- Optional 100 channel software
- Fully weatherised, IP67 Rated
- Dimensions with electronics 125 x 125 x 74 mm



BroadWeigh Wireless Handheld

This wireless telemetry handheld provides an 8 digit LCD reading from an unlimited number of BroadWeigh acquisition modules (strain gauge, current, voltage, temperature, pulse and potentiometer).

- Wireless handheld display
- Reads data from any shackle
- Local and remote battery and signal indicators
- Fully weatherised (IP65)



Wireless Wind Speed Sensor

The pre-calibrated BroadWeigh Wind Speed Sensor (BW-WSS) anemometer provides both real-time display and full logging of wind speeds.

- Powered by 2 x DCell batteries or external power
- Power saving mode
- Range of up to 800 m (2,600 ft)
- Range of measurement 5 to 125 mph
- Units: mph, fps, km/h and m/sec
- One year warranty
- IP67 / NEMA 4 rated enclosure dimensions
160 x 80 x 55 mm (excluding glands)



Active Repeater

The BW-AR is an active repeater designed to increase or extend range and overall coverage of BroadWeigh wireless telemetry acquisition modules.

- Wireless active repeater module to increase or extend range and overall coverage
- Allows telemetry transmission to span around obstacles such as buildings or walls, etc.
- IP67 rated NEMA4 protected
- Integrated PCB antenna
- Simple configuration via PC using base station & BW-Toolkit software
- Battery power supply or external power supply
- 1 year manufacturer's warranty



Extended Range Base Station

The BW-BSue offers line of sight range of up to 800 m for all BroadWeigh (BW) acquisition modules.

It draws power from the USB bus and therefore no further components are required to configure and control remote devices from a PC.

- Provides wireless data acquisition from BroadWeigh shackles
- Configures any BW telemetry module via USB
- Powered from USB
- Up to 800 m (2,600 ft) range
- IP67 / NEMA 4 enclosure



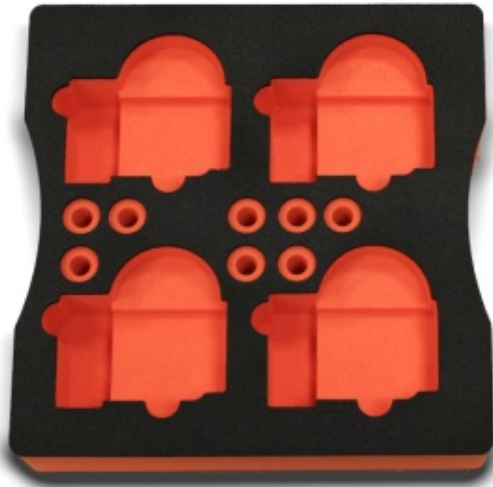
BroadWeigh Flight Case

- Immensely strong exoskeletal design, inspired by nature's main battle tank, the Stag Beetle
- 6 times stronger than a flight case
- Flexible alternative to existing moulded transit and flight cases
- Rubber shock absorbing corners, ABS plastic coated aluminium frame together with stainless steel
- CNC foam inserts
- "I" brace corners
- Lockable trolley and heavy duty handles for ease of transportation
- Stackable
- Designed and produced in the U.K.
- Tested to military standards
- The unique construction allows for simple refurbishment



BroadWeigh Flight Case - Inserts

Available with a selection of interchangeable, high density impact foam inserts for the BroadWeigh product range.



Free 100 Channel Data Logging Software

- View and log up to 100 channels at once
- Quick and easy to install
- Log to Excel (CSV)
- Peak, valley and delta
- Trend charts
- Defined algorithms and maths function
- Ability import a picture, drawing or schematic for visual data display
- Webserver allows remote viewing of data on tablets, iPads and smartphones
- Automatic, manual or overload logging
- Visual and audible alarms indicates over and under range, low batteries, loss in communication





Thank you for your attention

For further information visit:

broadweigh.com