

## 100 CHANNEL DATA LOGGING SOFTWARE

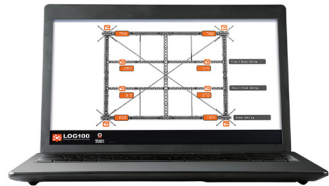
With up to 100 channels using Broadweigh wireless shackles or wind speed sensors.  
View, log and browse data on demand, set visual and audible alarms.

### SPECIFICATIONS

- View and log up to 100 channels at once
- Defined algorithms and maths function
- Web server allows remote viewing on tables, iPads, smartphones
- Import graphics (pictures/drawing/schematic)
- Logging at time intervals, manual or overload/underload
- Ability to customise software to match corporate colour scheme
- Visual and audible indicators (over and under load)

### USER BENEFIT

- View and log up to 100 channels at once
- Mapping/graphical capabilities
- Remote browser viewing via built-in webserver
- Data in CSV format
- Quick & easy to install
- Windows based



The Broadweigh™ portable wireless load monitoring system is designed to assist rigging technical professionals by providing high quality, high accuracy measurement data interface with a simple yet powerful configuration and free load monitoring software.

Incorporating a high accuracy load pin with zero trim loss, the system provides dynamic peak loads in real-time to ensure no point is overloaded.

Simple and comprehensive in nature, the Broadweigh wireless system offers fast and simple set up in less than one minute and easily replaces wired systems by reducing installation and maintenance costs.

The system provides up to 800m (1/2 mile) wireless range and can be expanded by simply adding additional shackles with no need to return to factory.

- Effective and accurate wireless load monitoring
- Quick deployment
- User-friendly software display interface and data management
- Easily portable and ideal for temporary installations or where cables are not suitable
- Free software package for viewing and data logging of up to 100 channels simultaneously
- Intuitive and easy to use

# LOAD MONITORING



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<sup>®</sup> **BROAD  
WEIGH**



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## BLUETOOTH SHACKLES

A 3.25t shackle with integrated Bluetooth® LE 4.0 that provides high precision, static weighing direct to the Broadweigh App, for easy viewing on your iOS or Android device.

- Close range, static monitoring (up to 90m line of sight) for 1-12 load cells
- Easily import and export project set-ups
- Supplied pre-calibrated
- Flexibility to upgrade to standard Broadweigh wireless shackles

**Art. Nr. 1550132501**



## WIRELESS USB BASE STATION DONGLE

- Portable device which is ideal for use with laptops and tablets
- Up to 500m (1640ft) range
- Simple plug & measure
- Configure the Broadweigh range
- Configures any Broadweigh telemetry module via USB connection using Broadweigh Toolkit software
- IP50 rated enclosure

**Art. Nr. 155T24-BSD**



## WIRELESS WARNING MODULE

- 3 light warning indicator
- Audible alarm
- Full user control & configuration
- Use with LOG100
- Assignment of individual or groups of sensors
- 800m range
- IP67

**Art. Nr. 155BW-WM1**



## WIRELESS LOAD SHACKLES

- Zero trim shackle
- 5:1 safety factor
- Anti-rotational bracket
- Unit conversion for kg, lbs, tonnes, ton, ton (US), kN
- Accuracy typically  $\pm 1\%$  of current load  $\pm 25\text{kg}$  (whichever is the greater value)
- Fully weatherised (IP67)
- Machinery Directive 2006/42/EC compliant
- Supplied pre-calibrated

**Art. Nr. 1550047503 (4.75t)**

**Art. Nr. 1550032503 (3.25t)**



## USB BASE STATION

- Up to 800m (2600ft) range
- Simple plug & play USB
- Configures any Broadweigh telemetry module via USB connection
- Powered from USB
- Used in conjunction with Broadweigh software
- IP67 rated enclosure

**Art. Nr. 155T24-BSUE**



## RELAY MODULE

- Dual power relay
- User configurable
- 8x Broadweigh sensors per relay
- Full user control and configuration
- Assignment of individual or group sensors
- Can be set to compare groups of weights
- Communication lost / error signal
- Up to 800m range
- IP67 rated enclosure
- Optional mounting kit

**Art. Nr. 155BW-RM1**



## TWISTLINK LOAD SHACKLE

- Easy to install and allows quick connection to 4.75t shackles
- Ideal for temporary/short term installations
- Leaves more space in the shackle body to allow larger hook/tackle connection
- Holes at 90 degree to minimise torsional forces
- Low trim
- Aerospace graded stainless steel
- Conforms to European Machinery Directive
- WLL of 4750kg
- Supplied and calibrated as one unit

**Art. Nr. 1550147503 (4.75t)**



## BASE STATION INTERFACE

- Configures sensors via USB or serial connection
- Options of USB, RS232, RS485
- 9-32 Vdc
- Works with LOG100 for viewing data
- Allows cable lengths of up to 300m

**Art. Nr. 155BW-BSI**



## TWISTLINK

- Enables a 4.75t Broadweigh shackle to be connected to a 3.25t or 4.75t shackle
- Holes at 90 degree to minimise potential torsional loading
- Conforms to the European Machinery Directive
- Aerospace graded stainless steel

**Art. Nr. 155BW-TL**



## WIRELESS WIND SPEED SENSOR

- Range of measurement: 5-125mph
- Units: mph, fps, km/h and m/sec
- Variable sampling
- Robust fixing bracket
- Power Saving Mode
- powered by 2x D cell batteries
- IP67 rated enclosure
- Supplied pre-calibrated

**Art. Nr. 155T24-WSS**



## HANDHELD DISPLAY ADVANCED

Three operational modes:

### ROAMING INPUTS

Shows the nearest shackles with the same radio settings.

### PRE-DEFINED INPUTS

Up to 24 inputs can be configured separately.

### SUMMING GROUPS

Shackles can be summed together giving totals for a whole structure and individual trusses.

**Art. Nr. 155BW-HA**



## CASES AND INSERTS

We have cases and inserts available. Just contact us at sales@h-of.de for further information.

