



*The BW-AR is an active repeater designed to increase or extend range and overall coverage of BroadWeigh shackles*

#### Introduction

The Active Repeater module (BW-AR) will enable the BroadWeigh shackles to span around obstacles or increase range or coverage.

The repeater acts as transparent link between BroadWeigh shackles and the receiver, powered by either a pair of alkaline 'D' Cells or an external power supply (5-18 V).

The repeater will allow messages to be repeated once which can effectively double the radio range. Adding multiple repeaters will not increase the range but can increase overall coverage.

#### Specification at a Glance

- Repeater module to double the normal range and overall coverage
- Allows transmission to span around obstacles
- 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
- Waterproofed to IP65 / NEMA 4 enclosure dimensions 160 x 80 x 55 mm



#### User Benefits

- Extends and enhances range of BroadWeigh shackles
- Allows communication around obstacles
- Improves propagation of signal

#### Ideal Application

- Theatre & Events
- Outdoor Events
- Concerts
- Conferences / Trade Shows



## Related Products



**BW-HR Handheld Wireless Display**  
LCD reading from an unlimited number of BroadWeigh shackles



**BW-WSS**  
Wireless wind speed sensor



**BW-BSue**  
Extended range wireless radio telemetry USB Base Station



**BW-S325 & BW-S475 Shackles**  
BroadWeigh wireless Crosby Safety Bow Shackles

## Related Software

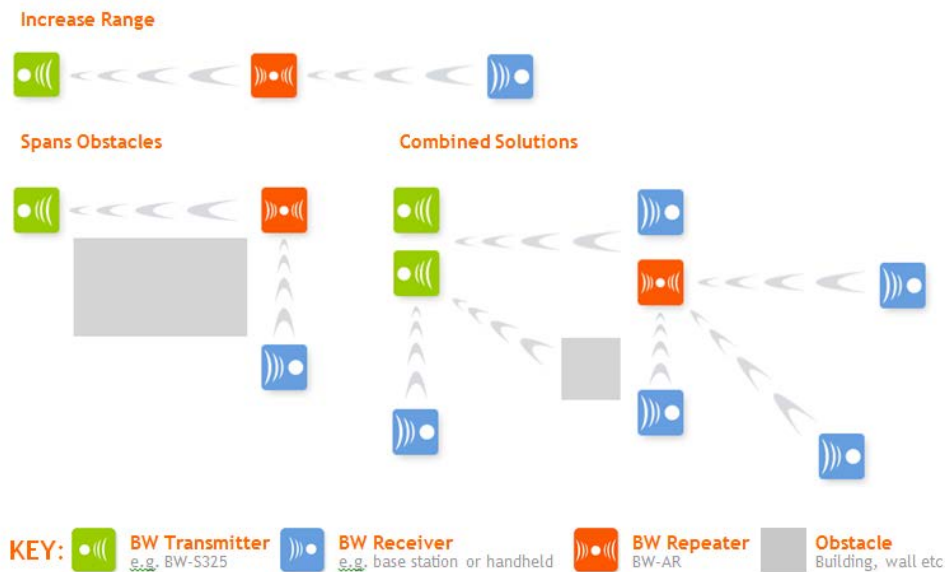


**BW-Toolkit**  
Software used to calibrate and configure your devices



**BW-LOG100**  
Free data logging software package for advanced monitoring of up to 100 channels

## How it works



## CE & Environmental

Storage temperature	- 40 to +85°C
Operating temperature	- 40 to +85°C
Relative humidity	95% maximum non condensing
IP Rating	IP65 / NEMA 4

<b>CE Environmental Approvals</b>	
European EMC Directive	2004/108/EC
Low Voltage Directive	2006/95/EC

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