Wireless Accessories

Straightpoint's range of wireless accessories may be used with any Straightpoint wireless load cells

SW-OAM
Wireless overload alarm module

The SW-OAM is a wireless relay module featuring audio and visual warning indicators. The unit's two set point alarms can be triggered from a single or summed group of up to eight Straightpoint wireless load cells. The SW-OAM is ideal as a wireless overload detection system.

## SW-SD
Wireless scoreboard display

This 100mm (4") scoreboard LED display is wireless and viewable for up to 45m/150 ft. Perfect for installation on a crane gantry, the unit operates on 110-240 VAC and displays an individual load or summed load for up to eight Straightpoint wireless devices.
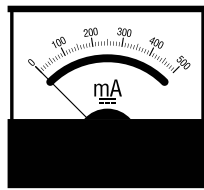
## SW-AO1i
Wireless base station with analogue output

The SW-AO1i provides a configurable analogue output for any single Straightpoint wireless load cell and is ideal for integration to a PC, PLC or other data acquisition system. Housed in a IP65/NEMA4X enclosure, the output can be selected from pre-calibrated voltage and current ranges of 0-5vdc, +-5vdc, 0-10vdc, +-10vdc, 0-20mA, 4-20mA.
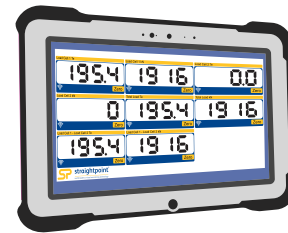
SW-RWT
Rugged tablet

The SW-RWT tablet is the latest generation fully-rugged tablet. Featuring an array of integrated options, and a sleek, sophisticated design, the SW-RWT will change the way you look at tablets. With a MIL-STD-810G rating and Windows 7 Pro, the SW-RWT can go from the boardroom to the work site without missing a beat.
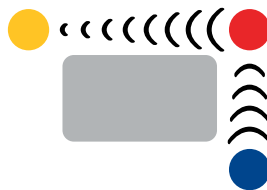
SW-SB
Wireless signal booster

The SW-SB signal booster/repeater module is battery operated and easily pairs to any Straightpoint wireless device e.g. load cell, accessories, and software solutions within range, quickly increasing coverage and extending range.

SA700C
Load cell transmitter

The SA700C transmitter connects to strain gauge transducers such as load cells, torque sensors and pressure transducers allowing them to form part of a Straightpoint wireless system.

	straightpoint UK	09:00	100%
	239.248.44.91		

100 Channel Logger Remote View
Straightpoint Multichannel Logger
Example Project
Status: OK

Channel	Value	LQI	Status
Radiolink 1	85.097		
Radiolink 2	86.199		
Radiolink 3	88.072		
Radiolink 4	89.945		
Radiolink 5	91.818		
Radiolink 6	93.690		
Radiolink 7	95.563		
Radiolink 8	97.436		
Radiolink 9	99.308		
Radiolink 10	100.000		
Radiolink 11	98.127		
Radiolink 12	96.255		
Radiolink 13	94.382		
Radiolink 14	92.509		
Radiolink 15	90.636		
Radiolink 16	88.764		

Status Key: ⊙ Error   ▯ Low Batt   NET Net Mode   Ⅰ Warning Level Exceeded
Ⅰ Over/Under Limit Exceeded

Date	Time	Elapsed mS	Radiolink 1	Radiolink 2	Radiolink 3	Radiolink 4	Total Load
10/03/2015	10:41:38	1000	0.01	0	0	0.02	0.03
10/03/2015	10:41:39	2000	0.23	0.16	0.03	0.59	0.73
10/03/2015	10:41:40	3000	3.04	0.16	1.6	2.23	14.17
10/03/2015	10:41:41	4000	5.3	0.94	1.6	7.62	32.45
10/03/2015	10:41:42	5000	5.5	1.9	1.6	8.1	36.72
10/03/2015	10:41:43	6000	8.39	4.09	4.42	9.87	46.37
10/03/2015	10:41:44	7000	9.99	5.11	6.26	12.13	62.56
10/03/2015	10:41:45	8000	11.8	6.43	7.43	19.14	72.8
10/03/2015	10:41:46	9000	11.79	6.2	6.18	17.06	73.85
10/03/2015	10:41:47	10000	8.01	2.43	2.3	12	52.72
10/03/2015	10:41:48	11000	4.94	0.02	0.01	6.09	32.69
10/03/2015	10:41:49	12000	0.06	0.01	0	4.08	15.19
10/03/2015	10:41:50	13000	0	0	0	0	-3.53

Load test #4753

Radiolink 1   Radiolink 2   Radiolink 3   Radiolink 4
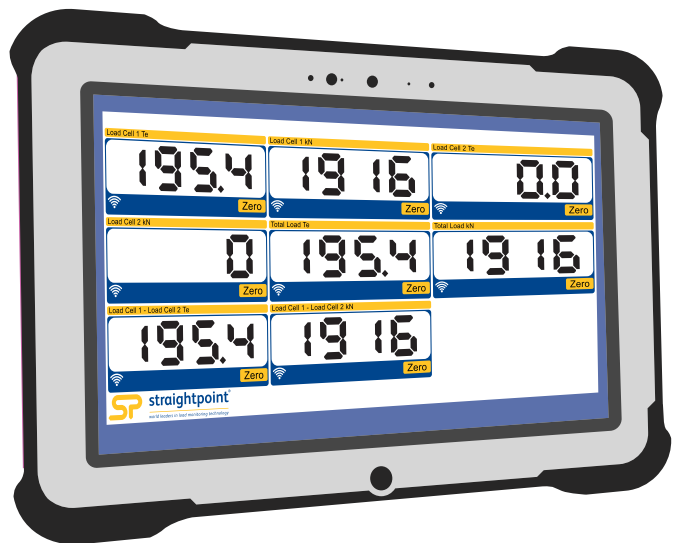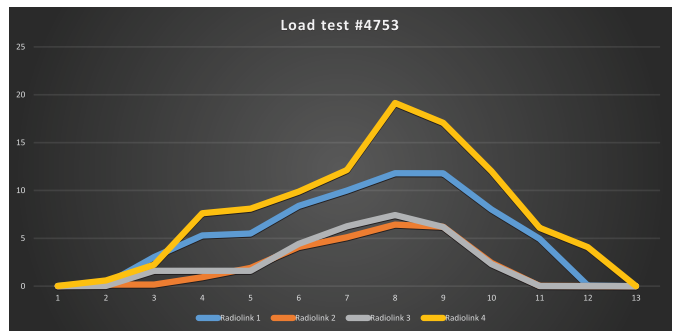
Straightpoint's Multiple Wireless Load Cell Controller (SW-MWLC) software package is a versatile, user friendly, wireless load cell control, display and data logging tool designed for use on the Windows PC platforms, Vista, Win 7, 8 & 10.

SW-MWLC allows simultaneous, wireless communication between Straightpoint wireless load cells and a Windows PC. A resizable window displays a table of up to 100 wireless load cell channels of live data. Channels can be setup with user defined mathematical functions that can be used to calculate a multitude of results.

For example, a display can show the value from a single load cell or the sum of multiple load cells. Visual display and audio alarms can indicate under and over range as well as loss in communications, low battery and error reports. SW-MWLC can log on demand, at pre-set intervals, on entering and leaving a pre-set overload and during an overload. Data is logged to a CSV file which can be opened for analysis by software programs such as Microsoft Excel. JSON format data is also available on demand via the built in web server.

For more complex applications, graphical pages can be built showing the data in a variety of formats including digital display or bar graphs. Up to eight pages can be defined and the pages easily navigated between a variety of image formats that can be imported, including JPG, GIF, PDF and DXF.

Custom applications including branding and colour scheme are available. Please contact Straightpoint's sales department for pricing.

SW-MWLC software is supplied with a SW-USBBSE extended range USB transceiver.

Features and benefits:

- Displays and logs data up to 100 Straightpoint wireless load cells simultaneously
- Mapping/graphical capabilities
- Webserver offers remote viewing on iPads/tablets/smart phones and also supplies JSON data on demand
- Logging at timed intervals, manual or on overload/underload
- Visual and audible alarms indicates overload, low battery and communications error
- Zoom in to channel to see data trends and history
- Export and log data in CSV format

Part Number	SW-MWLC
IP rating	IP54
(SW-USBBSE)	NEMA 3
Operating Temp	-10°C to +50°C
	14°F to 122°F
Licence	Licence free
Frequency	2.4 GHz
Range	700 metres
	2300 feet
Load Cell Inputs	Up to 100
PC Requirements	Intel i3 processor with 2GB RAM
Operating System	Windows XP, Vista, Windows 7, 8 or 10