

Wireless base station



The SW-BS, Straightpoint base station, provides a configurable analogue or digital output for any single or multiple (up to a maximum of four) Straightpoint wireless load cells.

The SW-BS is ideal for integration with PLC, SCADA, DAQ or other compatible third-party system. The device can be configured to provide any of the following outputs as per configuration:

- 4-20mA
- Relay setpoint
- RS485 ASCII
- Optional CANbus 2.0A & 2.0B

The load data from the wireless loadcell can then be seamlessly fed into an external controller installed on a crane, vehicle or other

machinery requiring feedback for close loop or real time control and monitoring.

Features and benefits:

- 4-20mA analogue or RS485 / CANbus digital output for integration into existing systems
- 2 onboard relay setpoints to allow external switching
- Wireless connection to load cells to distance of 800m/2652ft
- Wide range of power supply: 9-32V DC
- IP65 or NEMA 4 Enclosure

Part Numbers		SW-BS	
SP		2789314	
Crosby		2789314	
Required power supply	9 to 32V DC		
Operational current	0.5A		At 12V supply TBC
Output options	Current 4-20mA, 2 relay outputs, RS485 ASCII (configurable)		At 12V supply TBC
Radio frequency	2.4GHz (licence free)		
Maximum no. of load cells	4 wireless load cells		
Range	800m or 2652ft		
Operating temperature range	-10°C to +50°C or 14°F to 122°F		
IP rating	IP65 or NEMA4X		
Dimensions	180mm (7") x 120mm (4.72") x 60mm (2.36")		
Current output specification	Type	4-20mA (2 wire)	Resolution / Bits 4096/12
Relay specification	No. of relay output	2	Relay type SPST (relay 1 NO, relay 2 NC) Contact rating 5A at 250V AC, 5A at 30V DC
RS485 specification	Type	ASCII	
CANbus specification	CAN2.0A and CAN2.0B supported		