

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) |
| RS485 specification | Type | ASCII | |
| CANbus specification | CAN2.0A and CAN2.0B supported | | |