The Straightpoint LoadSafe Compression Loadcell.

No longer hindered by troublesome and hard to maintain cables, large-scale projects can now be completed in a fraction of the time previously required. Multiple compression load cells can all connect wirelessly to INSIGHT via a USB dongle, their iOS or Android app (If Bluetooth), or their SW-HHP wireless handheld display.

Maintenance and repair costs are all but eliminated due to the absence of cables and connectors. The flexibility of the product opens the door to a large number of applications in the heavy lift, energy, defence, rigging, shipping, and general transportation sectors.

Two versions of the WNI are available:
- Long range 2.4GHz version providing industry leading wireless range to Crosby | Straightpoint’s SW-HHP handheld or INSIGHT.
- Bluetooth output and can be connected to any smart phone running our free HHP app on iOS or Android, at ranges up to 100m or 328ft.

Connected to Crosby | Straightpoint’s INSIGHT, the WNI load cell can be used to weigh and verify centre of gravity of large and heavy objects, which may not be evenly proportioned. The system will report weight on each individual load cell, total weight and C-of-G in an HTML report based on ISO19901.

Crosby | Straightpoint’s LoadSafe is machined from high grade 17-4PH stainless steel, providing excellent strength and corrosion resistance, which makes them suitable for the most arduous industrial conditions.

Features and benefits:

- Proprietary 2.4 GHz wireless
- Accuracy of ±0.1% FS
- Environmentally sealed to IP67 or NEMA6
- Stocked capacities up to 1000t
- Industry leading wireless range up to 1000m or 3280ft
- Internal antennae
- ATEX & IECEx version for hazardous area zones 0, 1 & 2 available
- Battery life of 1200hrs
- Compact size
- Remote On-Off from handheld display or software
- Design validated by F.E.A.

- Bluetooth option is available and is supplied with a free HHP App for iOS and Android
Also available with hazardous area approval. Zones 0, 1 & 2

ATEX / IECEx
Ex ia II C T4 Ga

Certification numbers:
WN1 ATEX
IECEx SIR 16.0041X / Sira 16ATEX2108X
SW-HHP ATEX
IECEx SIR 15.0072X / Sira 15ATEX2196X

Add ‘ATEX’ to the part number when ordering ATEX/IECEx products. For example: WNI5TC-ATEX

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<th>Units</th>
<th>Weight</th>
<th>Safety Factor</th>
<th>Battery Type</th>
<th>Battery Life</th>
<th>Operating Temp</th>
<th>Accuracy</th>
<th>Frequency</th>
<th>System Range</th>
<th>Data Rate</th>
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<td>Load cell 4 x AA Alkaline</td>
<td>Load cell 1200 hours continuous (500hrs if Bluetooth)</td>
<td>-20°C to +70°C or 4°F to 158°F</td>
<td>±0.1% of full scale</td>
<td>2.4 GHz</td>
<td>1000 metres or 3280 feet (100 metres or 328 feet if Bluetooth)</td>
<td>3Hz (configurable to 200Hz)</td>
<td>IP67 or NEMA6</td>
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