Radiolink plus BLE

DNVGL-ST-0378

Crosby | SP®
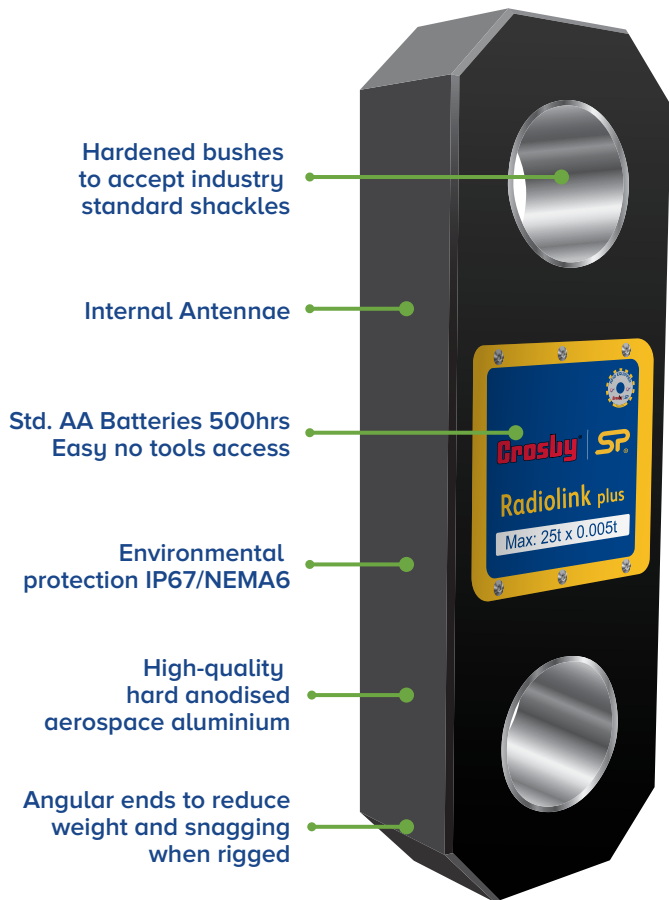**Radiolink** plus
Max: 25t x 0.005t

0.574
te

Zero

Sim1

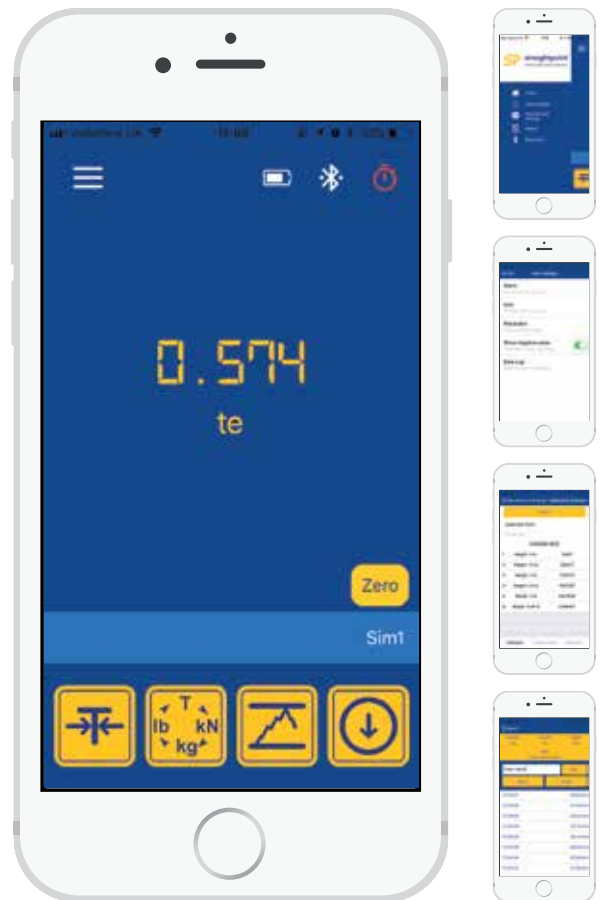**Hardened bushes to accept industry standard shackles**

Internal Antennae

Std. AA Batteries 500hrs Easy no tools access

Environmental protection IP67/NEMA6

High-quality hard anodised aerospace aluminium

Angular ends to reduce weight and snagging when rigged

Radiolink plus BLE is designed to be rigged with Crosby standard shackles. Straightpoint's DNV-GL type approved wireless tension load cell is capable of weighing and dynamic load monitoring capacities from 1t to 500t (all in stock).
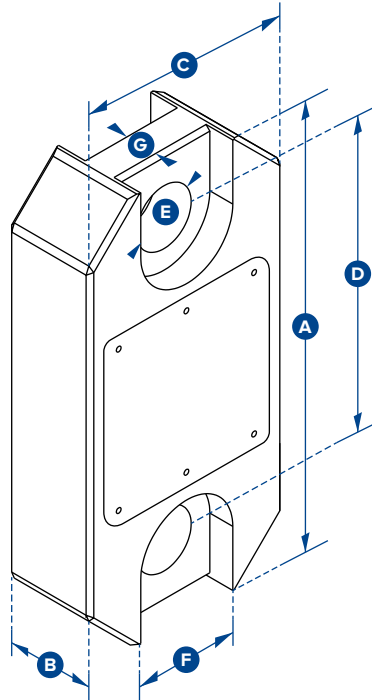
Constructed from high-quality aerospace grade aluminium, the RLP features an advanced internal design structure. This design provides the product with an unrivalled strength to weight ratio. The use of a separate internal sealed enclosure administers the load cell's electronic components with IP67 or NEMA6 environmental protection, even with the battery cover plate missing. All these features makes it an industry-leading dynamometer, suitable for use in the harshest of environments.

The versatile RLP BLE is able to provide an update rate of 3Hz, making it ideal for dynamic force measurement.

Decades of development into this product include many stand out features, such as SP's unique strain gauging method that helps compensate for wire rope torque when it is loaded.

Features and benefits:

- Proprietary 4.2 Bluetooth
- Design validated by F.E.A.
- 2 year warranty
- DNV-GL Type Approval
- Complies with ASME B30.26

- Supplied with a free HHP App for iOS and Android
- Multiple weight unit measurement options (Te/Kg/lb/kN)
- Peak Hold button
- Zero and Gross monitoring options
- Audible alarm alert for high/low values
- User defined resolution setup
- Connects to up to 8 smart devices simultaneously
- Up to 100m (328ft) remote monitoring distance
- Measurement reporting
- Export measurement report

Crosby® | SP®

#knowtheload

Part Numbers SP Crosby	CP1T-BLE 2789005	CP2T5-BLE 2789009	CP6T5-BLE 2789014	CP12T-BLE 2789003	CP25T-BLE 2789008	CP35T-BLE 2789011	CP55T-BLE 2789013	CP75T-BLE 2789015	CP100T-BLE 2789002	CP150T-BLE 2789004	CP200T-BLE 2789006	CP250T-BLE 2789007	CP300T-BLE 2789010	CP500T-BLE 2789012
Capacity	1,000kg	2.5te	6.5te	12te	25te	35te	55te	75te	100te	150te	200te	250te	300te	500te
	2200lb	5500lb	14300lb	26000lb	55000lb	77000lb	120000lb	165000lb	220000lb	330000lb	440000lb	550000lb	660000lb	1100000lb
Resolution	0.5kg	0.001te	0.001te	0.002te	0.005te	0.005te	0.01te	0.01te	0.05te	0.05te	0.1te	0.1te	0.1te	0.1te
	1lb	2lb	2lb	5lb	10lb	10lb	20lb	20lb	100lb	100lb	200lb	200lb	200lb	200lb
Units	kg	te	te	te	te	te	te	te	te	te	te	te	te	te
	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb
Weight	1.5kg	1.5kg	2.4kg	3.7kg	5kg	8.6kg	13kg	16kg	34kg	46kg	82kg	82kg	118kg	193kg
	3.3lb	3.3lb	5.3lb	8.2lb	11lb	19lb	28.7lb	35.3lb	75lb	101.4lb	180.8lb	180.8lb	260lb	425.5lb
Safety Factor	12:1	7:1	7:1	7:1	5:1	5:1	5:1	5:1	5:1	4:1	5:1	4:1	5:1	5:1
Battery Type	Load cell 4 x AA													
Battery Life	500 hours													
Display Type	6 digit 25mm / 1" LCD													
Operating Temp	-10°C to +50°C / 14°F to 122°F													
Accuracy	±0.1% of full scale													
Frequency	Bluetooth 4.2													
System Range	100 metres / 328 feet													
Data Rate	3 Hz													
Protection	IP67/NEMA6													
Dimension A	204	204	249	305	340	393	424	470	608	670	700	700	806	930
	8.03"	8.03"	9.80"	12.01"	13.39"	15.47"	16.69"	18.50"	23.94"	26.38"	27.56"	27.56"	31.73"	36.61"
Dimension B	43	43	43	47	60	75	75	75	99	99	144	144	150	150
	1.69"	1.69"	1.69"	1.85"	2.36"	2.95"	2.95"	2.95"	3.90"	3.90"	5.67"	5.67"	5.91"	5.91"
Dimension C	104	104	113	113	115	126	180	202	255	303	350	350	426	570
	4.09"	4.09"	4.45"	4.45"	4.53"	4.96"	7.09"	7.95"	10.04"	11.93"	13.78"	13.78"	16.77"	22.44"
Dimension D	146	146	165	193	215	225	230	260	320	360	350	350	350	450
	5.75"	5.75"	6.50"	7.60"	8.46"	8.86"	9.06"	10.24"	12.60"	14.17"	13.78"	13.78"	13.78"	17.72"
Dimension ØE	24.5	24.5	38	47.5	55	60	76	76	109	109	145	145	160	200
	0.96"	0.96"	1.50"	1.87"	2.17"	2.36"	2.99"	2.99"	4.29"	4.29"	5.71"	5.71"	6.30"	7.87"
Dimension F	48	48	66	Not relevant in this capacity										
	1.89"	1.89"	2.60"											
Dimension G	19	19	32											
	0.75"	0.75"	1.26"											
Crosby Shackle	G2130					G2140								G2160
Loading Pin Ø	19	19	25	35	51	57	57	70	83	95	121	127	152	180
	3/4"	3/4"	1"	1 3/8"	2"	2 1/4"	2 1/4"	2 3/4"	3 1/4"	3 3/4"	4 3/4"	5"	6"	7 1/8"