

# QST

## Wireless S-Type Load Cell

R2



FCC Part 15  
Contains FCC ID: X8WBT832

### FEATURES

- High Precision Amplifier
- 1:10000 count
- Power: 350mAh Li-Po Battery
- Lifetime: up to 3 months\*
- Internal Temperature Sensor

### INTERFACE

- 2.4GHz Bluetooth Smart 5.0
- 10 meter Range

### APPLICATIONS

- Industrial Process Control
- Portable Instrumentation
- Smart Transmitters

### GENERAL DESCRIPTION

The QST is a durable wireless load cell, coupled with an innovative wireless interface in a versatile S-Type form factor; ideal for measuring forces in both tension and compression.

Intended for easy site installation and setup, the Wireless S-Type Load cell is powered by a Lithium-polymer battery and utilizes a high precision amplifier to collect force data sent directly to the Quiksense™ App. An on-board temperature sensor is also available for localized or ambient environmental measurements.

The Wireless S-Type Load cell can connect to any Android device with Bluetooth 4.2 or later. Pairing, measurements and data options are all available thru the Quiksense™ App. Data can also be exported thru the App and saved for later analysis

### SPECIFICATIONS

<b>Rated Capacity:</b> (customizable)	100KG, 250KG 500KG, 1000KG
<b>Accuracy:</b>	0.1% FS
<b>Protocol:</b>	Bluetooth 5.0
<b>Operating Frequency:</b>	2.4GHz
<b>Data Rate:</b>	16Hz (minimum)
<b>Battery:</b>	350mAh Li-Po Battery
<b>Input Voltage:</b>	4.75-5.25V (USB)
<b>Input Current:</b>	200mA (USB)
<b>Material:</b>	Alloy Steel + PC
<b>Overload Capacity:</b>	150% of Rated Capacity
<b>Dimensions:</b>	82x66x40mm 3.22x2.60x1.57"
<b>Weight:</b>	645grams
<b>Operating Temperature:</b>	0°C-40°C
<b>Operating Humidity:</b>	<80% RH
<b>Optional Accessories:</b>	Rod Ends Button



Connect with the Quiksense™ App on Android