

QCR

Wireless Crane Load Cell

R1



FCC Part 15
Contains FCC ID: X8WBT832

FEATURES

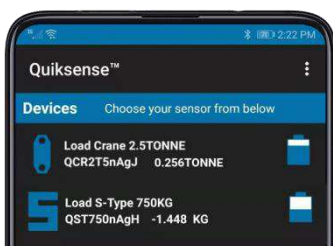
- High Precision Amplifier
- 1:10000 count
- Power: 1500mAh Li-Po Battery
- Lifetime: up to 1 month*
- Internal Temperature Sensor

INTERFACE

- 2.4GHz Bluetooth 5.0
- 100 meter Range

APPLICATIONS

- Industrial Process Control
- Portable Instrumentation
- Smart Transmitters



Connect with the Quiksense™ App on Android

GENERAL DESCRIPTION

The QCR is a durable wireless crane load cell, coupled with an innovative wireless interface and analog front end ideal for measuring suspended load overhead.

Intended for easy site installation and setup, the Wireless Crane 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 Crane 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

Rated Capacity:	1Tonne, 2.5Tonne (customizable) 5Tonne, 10Tonne
Accuracy:	0.1% FS
Protocol:	Bluetooth 5.0
Operating Frequency:	2.4GHz
Data Rate:	16Hz (minimum)
Battery:	1500mAh Li-Po Battery
Input Voltage:	4.75-5.25V (USB)
Input Current:	1500mA (USB)
Material:	Alloy Steel + PC
Overload Capacity:	200% of Rated Capacity
Dimensions:	230x90x30mm 9.06x3.54x1.18"
Weight:	1.35Kg
Operating Temperature:	0°C-40°C
Operating Humidity:	<80% RH
Optional Accessories:	Crane shackle