Self Check Out Kiosk

Load Cell

Industry: IoT

Summary

Customer Challenge

A manufacturer wants to test their self check out kiosks. They want to ensure its weighing feature is functioning properly, with the right amount of sensitivity when future customers want to weigh products like fruits or vegetables. They need a system that measures the force it takes for the self check out kiosk to activate a response.

Interface Solution

Interface suggests installing a SSB Load Beam Load Cells under the plate where items are weighed. When connected to the WTS-AM-1E Wireless Strain Bridge Transmitter Module, force results are wireless transmitted to the WTS-BS-6 Wireless Telemetry Dongle Base Station on the customer's PC. Data can be logged and graphed with included Log100 software.

Results

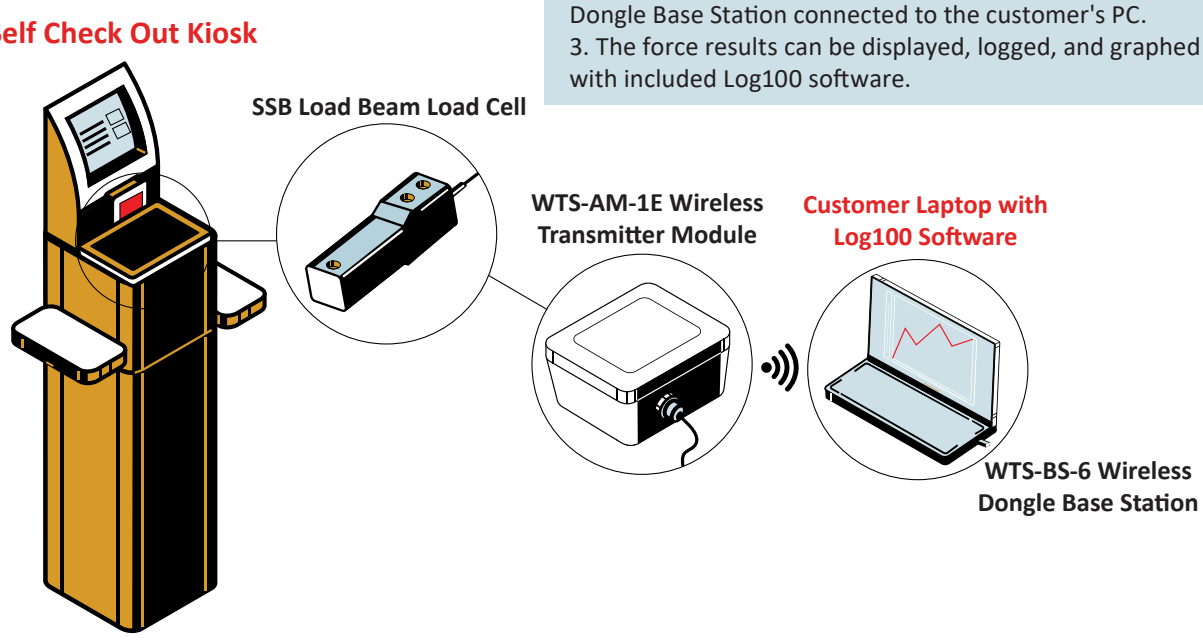
Interface's wireless force system successfully measured the amount of force it took for the self check out kiosk to react and ensure it is functioning properly.

Materials

- SSB Load Beam Load Cell
- WTS-AM-1E Wireless Strain Bridge Transmitter Module
- WTS-BS-6 Wireless Telemetry Dongle Base Station
- Log100 Software
- Customer PC or Laptop

How It Works

1. The SSB Load Beam Load Cell is installed under the weighing platform of the self check out kiosk. A load is put on top of the weighing platform, and the SSB measures the forces applied as the kiosk reacts to the load.
2. When connected to the to the WTS-AM-1E Wireless Strain Bridge Transmitter Module, the force results are wireless transmitted to the WTS-BS-6 Wireless Telemetry Dongle Base Station connected to the customer's PC.
3. The force results can be displayed, logged, and graphed with included Log100 software.



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