CS103

Wireless Cargo Sensor

CloudHawk's CS103 Wireless Cargo Sensor allows near-real-time visibility of precise cargo levels within a trailer. Companies save valuable time, make informed decisions, and don't have to rely on others to confirm cargo level status.

With insights on cargo height in each zone, cubic volume percentage, overall utilization, and available space from the door, important business decisions can be made to increase overall utilization and efficiency. For a standard 53' trailer, 7 cargo sensors provide complete visibility.

Near real-time reporting of cargo height within a zone
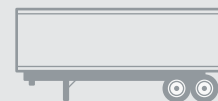**Easy installation for rapid mass deployment**
Ruggedized, waterproof housing
Very long battery life
Connects to CH400 series CloudHawk Gateway Hardware
Wireless design avoids complicated wiring installation

Suitable for:

CS103
Wireless Cargo Sensor

TECHNICAL SPECIFICATIONS

COMMUNICATIONS
Low-power, short range protocol using 2.4GHZ ISM Band
Bluetooth Low Energy (BLE) version 5.1
Output Power: 8dBm

Bluetooth®

POWER
• Powered by a 1000mAh Lithium battery
• Rated at 3V, 0.5A max
• Life expectancy of 10 years

ENCLOSURE
Material: Acrylonitrile styrene acrylate (ASA)
Dimensions: 3 11/16 inches by 2 inches by 11/16 inches
92 mm (including mounting brackets) x 51 mm x 18 mm
Weight: 46g, 1.62 ounce

ENVIRONMENTAL
Operating Temperature: −40ºC to 85ºC
IP Rating: IP67 (weatherproof and water resistant up to 1m submerged) or
IP69K (highest grade resistance to high pressure and high temperature washing)

INSTALL ACCESSORIES
What's Included: 1x Double Sided VHB tape per device
Optionally Included: 3M adhesive, mounting screws, magnet mounts.

THE
CLOUDHAWK RTLS SYSTEM

IoT Sensors

GPS Tracker/Gateway

Portals & Apps

CloudHawk®

Gain maximum visibility into your operations with CloudHawk.
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