

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

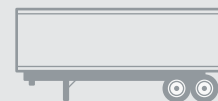
Very long battery life

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



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 1 1/16 inches
92 mm (including mounting brackets) x 51 mm x 18 mm
Weight: 46g, 1.62 ounce

ENVIRONMENTAL

Operating Temperature: -40°C to 85°C
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

While CloudHawk endeavors to maintain the highest level of precision in all published specifications, it's essential to recognize that actual field performance may vary due to a myriad of factors, including environmental conditions, installation methods, usage scenarios, and the involvement of third-party entities such as cellular providers. The specifications provided are estimations and should not be construed as definitive commitments or alterations to the terms and conditions of your purchase or lease, including but not limited to, product operational constraints and warranties. All specifications remain subject to possible adjustments without prior notification. To ensure you are in possession of the most up-to-date specifications, please visit our website at www.cloudhawk.com.



Gain maximum visibility into your operations with CloudHawk.

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