

CS100

Asset Beacon



The Asset Beacon is a compact wireless tracking device built to easily locate, manage and protect small, high-value tools and equipment. It offers users a ruggedized, waterproof enclosure with location updates via the CloudHawk Network. The Asset Beacon can be attached easily and discreetly by various mounting methods.

Weather Proof:

CloudHawk trackers can be placed in areas with exposure to water and harsh environments.

Long Battery Life:

With a 10-year battery life, users can deploy the Asset Beacon and not have to worry about replacing it again in a few years.

Rapid Installation:

Choose from various installation methods that work best for the target asset or equipment. Quick and easy installation allows rapid deployment and the ability to monitor company equipment.

Unified Platform:

CloudHawk's Customer Portal is a single portal that reports on all tracker gateways and IoT sensors. Users also have access to customizable reports and alerts.

CloudHawk Network:

The CloudHawk Network uses GPS trackers, installed on vehicles or as static gateways in buildings and yards, to capture BLE signals from CS100 for precise, real-time asset location tracking.

Universal Tracking of Assets:

The CS100 is versatile enough to track a broad range of assets, from small tools to large equipment, making it ideal for diverse asset management needs.



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TECHNICAL SPECIFICATIONS

COMMUNICATIONS

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



LOCATION

Approximate geolocation is determined by the GPS location of nearby gateways in the CloudHawk Network that detects the Asset Beacon 2.4 GHz advertisements.

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: -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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