

Hansel Tag

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This article will cover:

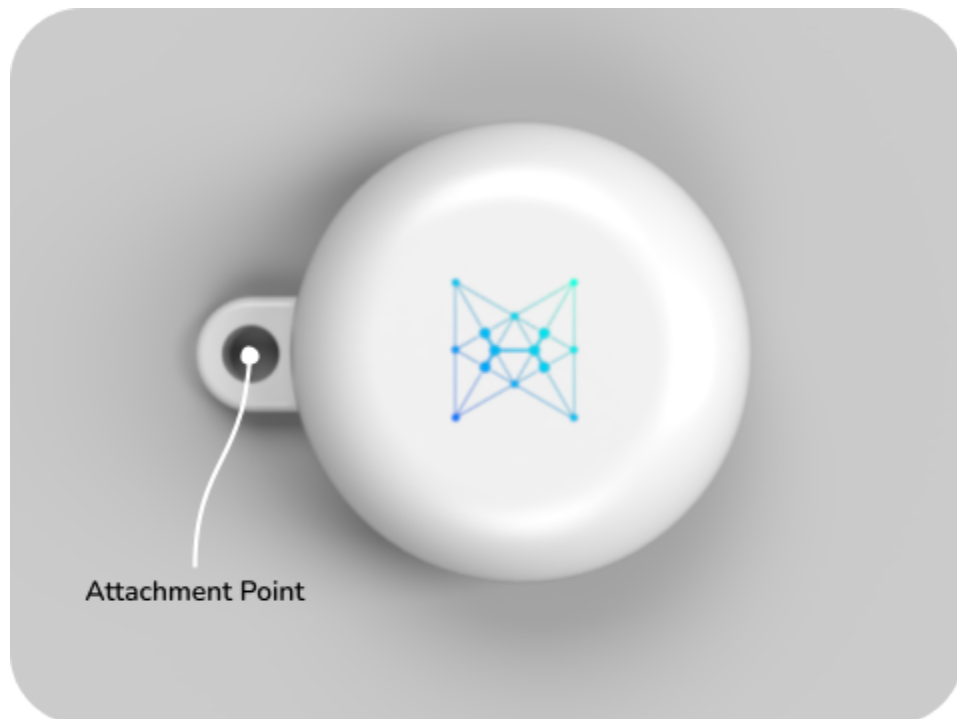
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Device Overview

The Hansel Tag is a Bluetooth® Low Energy (BLE) asset tracking device designed to help hospitals and medical device distributors track surgical instrument trays and equipment.

Each tag broadcasts a secure Bluetooth identifier that can be detected by the Hansel mobile application and Hansel infrastructure to provide real-time asset visibility.

Tags are shipped in a dormant state to preserve battery life and must be activated before use.

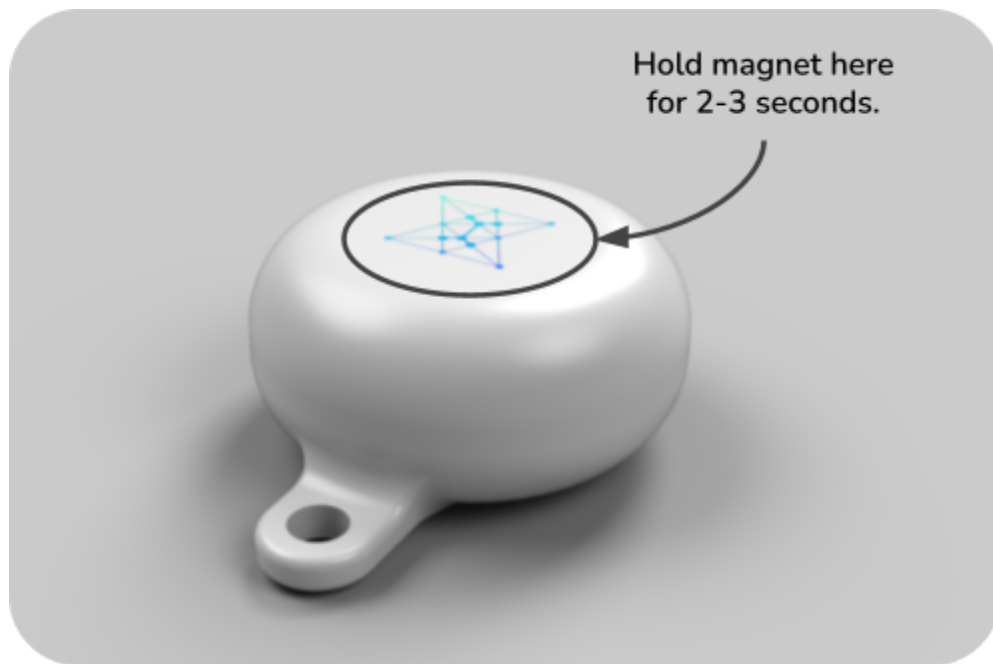


Step 1: Tag Activation

Hansel Tags ship **powered off** to conserve battery life during storage and shipping.

To activate the tag:

1. Hold a **magnet** near the top of the tag.
2. Keep it there for 2-3 seconds to ensure activation.
3. The tag will begin broadcasting.

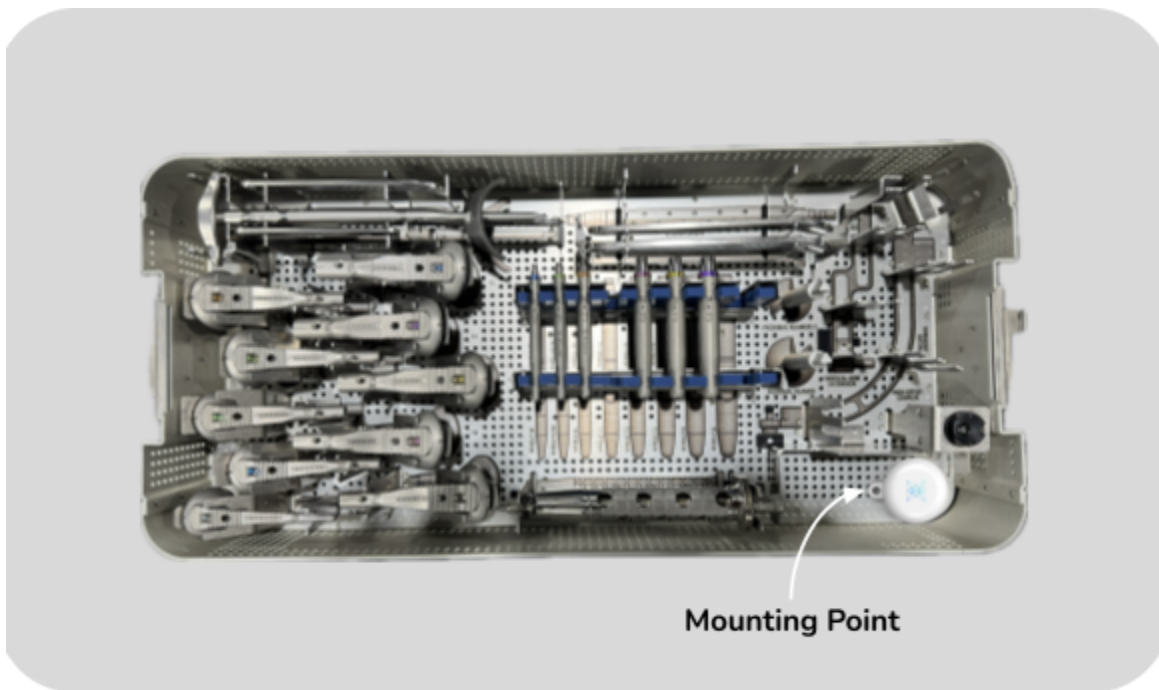


Step 2: Assign Tag to an Asset in Hansel

1. Open the Hansel mobile application.
2. Navigate to More Tab → Hansel Tag Management → Assign Hansel Tag.
3. Select **Begin Hansel Tag Scan...**
4. Tap smartphone to the top of the tag.
5. Search the available asset to assign the tag to.

Step 3: Attach Hansel Tag to the Instrument Tray

1. Locate a section of the tray away from instruments if possible.
2. Choose a placement on an upper level of the tray, if two exist.
3. Use a high temperature PEEK zip tie to attach the tag on the tray surface.
4. Secure the zip tie tightly. Choose slotted holes in close proximity to each other.
5. Snip the excess zip tie material flush with the locking mechanism.



Tag attachment inside a tray away from instruments.

Operating Characteristics

- Bluetooth® Low Energy (BLE)
- Up to 150 m communication range (open area, line of sight)
- Operating temperature designed for harsh environments
- 2 years 9 months battery life under normal asset-tracking use

FCC Compliance Disclaimer (Class B)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Exposure Statement (SAR - Limb)

This device complies with FCC radiation exposure limits for uncontrolled environments. The Specific Absorption Rate (SAR) limit for extremities (hands, wrists, feet, ankles) is 4.0 W/kg averaged over 10 g of tissue. SAR compliance for limb-worn use was demonstrated via calculations using the device's highest certified transmit power, with the device positioned directly against the limb at 0 mm separation, in accordance with FCC evaluation procedures specified in 47 C.F.R. § 1.1310(c) and § 2.1093, and consistent with OET and KDB guidance.