



Scan for more information



The Start of Something New

eco Bandit Tag

Retail shrinkage is a universal challenge, but eco Bandit is here to change the game. Our advanced security system not only self-alarms when tampered with but also triggers the EAS detection system at store entrances. Whether a thief attempts to remove the anti-theft device or walks out with it still attached, eco Bandit ensures that security is immediately notified. While each retailer has their own protocol for handling theft, eco Bandit offers an extra layer of protection by helping you identify what's been stolen—especially high-value items.

Comprehensive Security Features

eco Bandit's latest design offers all the standard anti-theft features, plus enhanced capabilities. Here's how it works:

General Operation

Retailers often equip their stores with strategically placed cameras, known as "zones." eco Bandit tags are applied to products within these zones, and readers—called Bubbles—are placed where eco Bandit tags are present. eco Bandit communicates wirelessly with the Bubble during a tampering event or through daily status updates. The Bubble, in turn, provides visual and audible alarms, triggers the video recorder, and sends notifications via WiFi to the Cloud. The Cloud updates its database and notifies the appropriate departments or individuals that an event has occurred.

eco Bandit will alarm under several circumstances, removal without disarming, Cable cutting entry into a 58kHz detection field without proper removal, triggering an EAS antenna

The Bubble

The Bubble is a strategic component of the eco Bandit system. Resembling a dome camera, this device is placed in zones where eco Bandit tags are protecting products. Equipped with a dual alarm system—flashing light and audible alarm—Bubble receives wireless signals from eco Bandit and transmits this information to the Cloud via WiFi. Additionally, the Bubble can trigger the video recorder to take pre-programmed actions, such as enlarging the display of a specific camera or issuing its own alert to store personnel. Some versions of Bubble even include an integrated video camera.

The Cloud

The Cloud is the backbone of the eco Bandit system, housing a database of product descriptions, barcodes, and locations where Bandit tags are applied. When a Bubble receives an alarm from eco Bandit, it identifies the stolen article and alerts the relevant departments or individuals. The Cloud also receives daily updates from each eco Bandit, comparing the information with its database to update inventory and track sold or stolen items. Retailers can easily retrieve reports on their updated inventory, as well as details on sales and thefts.

eco Bandit Versions

eco Bandit – Version #1: This version features two recessed knobs—Location and Product. The Location knob is set according to the store’s layout or zone where the eco Bandit is located, while the Product knob reflects the type of item it’s attached to, such as Lego boxes or perfume. Inventory updates to the Cloud occur at preset intervals, enabling retailers to query reports on inventory, sold items, and stolen items.

eco Bandit – Version #2: In addition to all the features of Version #1, this version includes local memory and an IR scanner port. By scanning the product’s barcode with the IR scanner, the eco Bandit tag stores the barcode information. If an alert is generated, the barcode data is uploaded wirelessly to the Bubble, which then transmits it to the Cloud along with the alert status. As with Version #1, inventory updates occur at preset intervals, and the Cloud can be queried for detailed reports.

Summary

eco Bandit delivers smart, comprehensive protection for your products. It keeps you informed about status changes and daily inventory updates for the items it protects. In the event of theft, eco Bandit not only triggers alarms but also updates the Cloud with barcode information, identifying the tampered product and its location. Local alerts integrate seamlessly with your video recorder, and Cloud alerts can be tailored to your needs, whether through emails or other notifications. With Bandit, you get immediate theft notifications and up-to-date inventory reports, ensuring you stay one step ahead.

