



## The Smart Container Breach Detection System

The Eye-Seal Internal Container Breach Detector is a revolutionary device designed to safeguard and monitor cargo across more than 180 countries. This cutting-edge unit offers an excellent solution for container breach monitoring, security, and logistics management. Our device is equipped with groundbreaking technology to address issues related to theft, security, and damage during shipping.

Research indicates that most theft during shipment occurs while in transit on land. In many cases, thieves are skilled at removing cargo while leaving a container's external inert door seal intact. However, our device is capable of identifying the location and time of any container breach. This is made possible by monitoring each door and other parameters within the container. As a result, our device offers full transparency in the logistic chain and the ability to identify potential problems with cargo before it reaches its destination.

The Eye-Seal Container Breach Detector is designed with patented breach detection sensors that are mounted inside the container. These sensors monitor each door exclusively. In addition, our device monitors environmental parameters such as temperature, light, humidity, and dew point. Unlike other devices, our product requires no external components.

Our device is powered by a dependable, international, and cost-effective communications platform that offers 2G, 3G, and LTE-M cellular coverage for data in over 180 countries. The Eye-Seal Internal Container Breach Detector arrives fully configured and charged, ready for immediate use. Additionally, it is supported by our International Container Observation Network (ICON) application with a secure, web-based customizable platform.

Using the Eye-Seal device establishes custody and responsibility over the logistics chain via scheduled monitoring reports and immediate breach alerts which contain a time/date and location stamp. The Eye-Seal Internal Container Breach Detector offers a reliable and efficient solution for cargo monitoring and security, making it an ideal choice for companies and organizations looking to protect their assets and brand during shipping.

### Advantages:



Patented Internal Breach Detection System, monitoring each container door independently. Establishes proof of custody and responsibility over the logistics chain.



Tamper proof. Mounted internally. Not visible from the outside. Employ newest cyber protection measures. Units are removable and reusable



Based on Global System for Mobile Communications (GSM), are not dependent on any external components, like GPS/Satellite technology.



The monitoring Data is fully verifiable by Law Enforcement and Insurance Investigators. via scheduled reports and immediate breach alerts that contain a time/date and location stamp.



The System also hosts a suite of onboard sensors for Humidity, Temperature, Dew Point and Light, that provide full time monitoring throughout the voyage.



Works in over 180 countries with the same SIM card. Based on a communications platform that is dependable, international and cost effective.



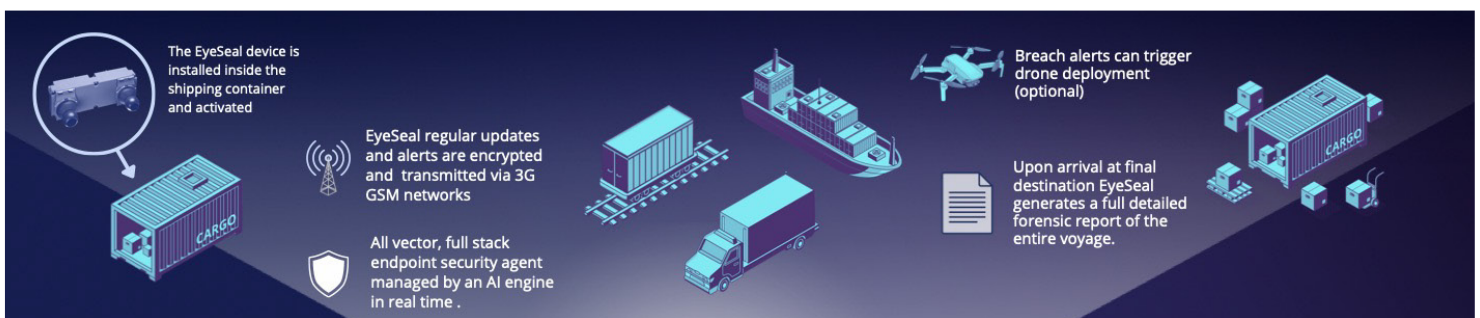
120 Day minimum battery life allowing for delivery of 1200 monitored messages



The deployed Units are supported by Eye-Track, a proprietary web based 'Platform' that captures and displays the Unit data



Reliable visibility protects and strengthens commercial relationships, protects brand names and improves the insurance claim process by identifying the precise location and time of an unauthorized breach or damage event.





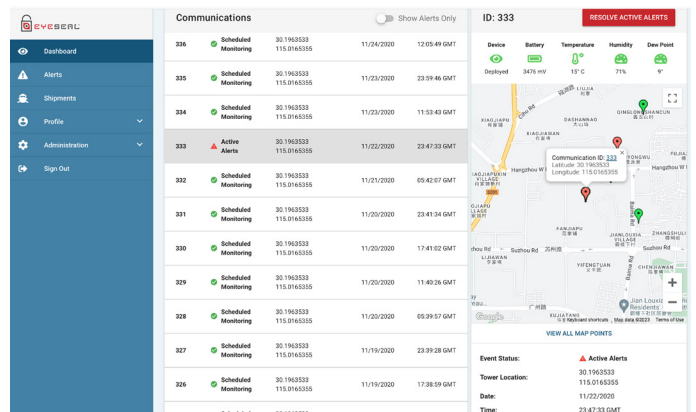
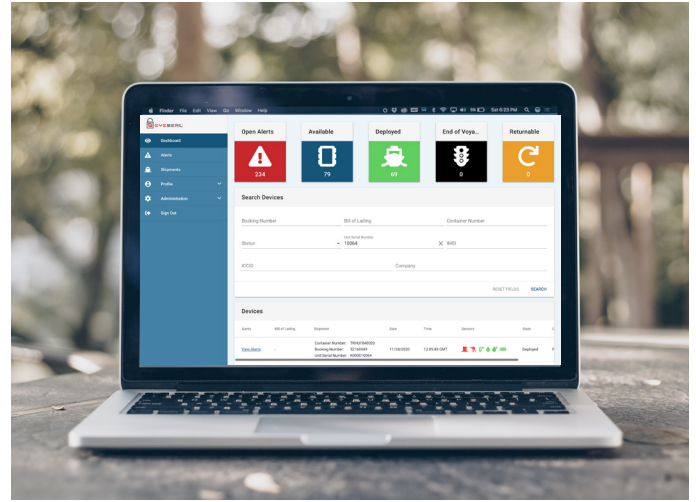
**Eye-Track: The Eye-Seal Internal Container Breach Detector** is a comprehensive solution that offers unparalleled security for cargo during shipping. One of its key features is the **Eye-Track user interface platform**, which enables stakeholders to track the container's location and status in real-time, regardless of whether it's being transported by truck, rail, sea, or a combination of the three.

Using the Eye-Track platform, stakeholders can access and monitor extensive data captured and displayed by the Unit, including door position (open or closed), internal light values, temperature, humidity, and dew point. By default, the Unit records this data every six hours during the entire voyage, and it's displayed as an in-route "Scheduled Report" for stakeholders to view.

In the event of any deviation from the container's monitored data, the Eye-Track platform immediately issues an "Alert" to designated users, providing them with a date and time stamp, as well as location information. This ensures that stakeholders are notified promptly of any potential issues with the cargo, allowing them to take swift action to mitigate the situation.

The Eye-Track platform offers an ongoing full voyage "Report" that includes all the unit data collected from the origin point to the final destination. This report can be shared with all stakeholders in the supply chain, providing them with comprehensive and accurate information about the cargo's journey.

In summary, the Eye-Seal Internal Container Breach Detector and Eye-Track platform offer an innovative and reliable solution for cargo monitoring and security during shipping. With its advanced technology, real-time data tracking, and immediate alert system, stakeholders can rest assured that their cargo is secure and protected throughout the entire journey.



## Unit Specifications

### Dimensions

Unit 81.1mm H x 216.8mm W x 47.8mm D  
Boots 78.7 mm H x 52.7mm W x 50 mm D

### Sensor Types

Right & Left Door, Temperature, Light, Humidity & Dew Point

### Light Sensor Sensitivity

Sensors Range: 188 micro-lux to 113K lux  
Temperature Sensor Range -40°C to +125°C,  
Humidity: 0 to 100% RH

### Cellular Frequency Bands

2G: GSM/GPRS, Quad band 850/900/1800/1900MHz  
3G: UMTS/HSPA+, Global,  
800/850/900/AWS/1700/1900/2100MHz  
4G: LTE CatM1(Rel.14), LTE Cat NB2 (Rel.14)  
w/EGPRS (2G fallback)

### Weight

15.2 ounces

### Housing Material

UL 940-V0 flame retardant plastic

### Battery

9.6Ahr

### Battery Type

High-capacity internal Lithium  
Thionyl Chloride

### Operating Temperature

-25°C to +70°C

### Storage Temperature

-40°C to +85°C

### Environmental Rating

IP67

## Shipping Rules

### Export Control Classification #

5A991.g

### UN Battery Code

3091

### HSN Code (Harmonized Shipping Code)

8526.91.0040

### Dangerous Goods designation

Type 9