

# UVEYE

The Global Standard  
Of Under Vehicle Security Inspection

Gain Visibility ● Detect Threats ● Enhance Security



# 01 We are UVeye

UVeye is a deep learning computer vision company that is rapidly changing the way that we think about vehicle inspections. Our scanning systems are vastly improving the accuracy, speed, and quality of vehicle inspections to meet the needs of customers across the homeland security (HLS) sector.

## 02 Manual Inspection Challenges

- Places security personnel in close proximity to potential danger
- Prone to human error that can fail to identify hidden objects
- Other methods can be unreliable, producing many false positives
- Requires vehicles to be stationary, slowing the flow of traffic
- Demands heavy personnel resources

## 03 The Solution

UVeye's advanced deep learning algorithms provide security professionals with the top tier access control solutions to scan, detect, and alert on potential risks including IEDs, weapons, and drugs, offering unprecedented reliability for vehicle undercarriage inspections.

## 04 Use Cases Include



Financial



Airports



Borders



Prisons



Police



Seaports



Embassies



Energy



Government



Military

# 05 Meet Helios

## Stationary

- 5 multi-directional cameras
- Works under extreme weather conditions
- Supporting single and multi-lane arrangements
- Supports up to 20 tons per axle



## Mobile Unit

- Easily transportable
- Operational within 10 minutes
- 3 multi-directional cameras
- Built-in operator station



*UVeye sets the global standard for vehicle inspection with fast and accurate anomaly detection to identify threats in the undercarriage*

# 06 Helios UV Features

## UV Compare

- Ideal for repeat traffic scenarios such as government facilities, ports, and prisons
- Creates a unique identifier for each vehicle to track it over time and detect anomalies that may indicate a potential threat

## UV Inspect

- Our knowledge base allows for highly accurate anomaly detection of a new vehicle entering the premises
- No need for previous record of a given vehicle
- Provides an ideal solution for border crossings and other similar scenarios

# 07 UVeye Advantages

## 01 Highest Quality Images

High resolution cameras capture the sharpest quality images of the passing vehicle's undercarriage which are then stitched in an "area scan" process, providing security teams with the most accurate picture analysis available in the market today.

## 02 Easy Integration

The system is built with interoperability into your existing access control solutions in mind, including LPR, Facial Recognition, and other existing systems.

## 03 Simple Operation & Setup

A straightforward and easy-to-operate user interface alerts users to potential threats, requiring only minimal training in order have qualified inspections up and running.

## 04 Resilient, Rain or Shine

The stationary and mobile units provide reliable operations no matter the weather outside, IP68 and IP55 compliant respectively.

# 08 One Platform, Total Visibility

Anomaly detection using powerful deep learning algorithms identify threats, regardless of vehicle make or model.



For more information about how UVeye can help solve your vehicle inspection challenges, please visit us at [www.uveye.com](http://www.uveye.com) or email us at [hls@uveye.com](mailto:hls@uveye.com)  
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