H. Helios

UVeye's Helios is an advanced AI-powered security system for detecting potential threats hidden in the vehicle's undercarriage.

Stationary

The stationary unit uses high-resolution cameras to produce a 3D model of any vehicle's undercarriage, while driving, in seconds.

It occupies a quality lighting module to allow for a comprehensive and clear mapping of the undercarriage, day or night.

Thanks to high-quality colorful scanning, threats and changes are visibly noticeable.

UVeye is designed to integrate with external access control systems such as bollards, road blockers, arm barriers etc. as well as integrate and share information with other UVEye units installed on site.

Feature Highlights

- Complete support for multilane architecture
- Bi-directional scanning
- High-Speed Intelligent Image Processing - within seconds the operator receives a fully-scanned image of the vehicle's undercarriage
- Supports any vehicle type with no limitation on vehicle length
- Stop & Go Image Acquiring - stopping above the system and continuing driving does not affect the image quality
- Reporting system with export options
- Operational even in harsh weather conditions

Optional Features

- UVInspect - Threat detection from the first pass
- Additional Overview camera
- Open API
- Advanced LPR camera - delivers 2 images (LP number + vehicle body overview in color)

Technical Specifications

SCANNING UNIT

Dimensions(L x W x H)	174 cm X 40 cm X 32 cm 68.50" X 15.74" X 12.59"
Power supply	100-240 VAC
Illumination type	Dynamic LED Array
Operating tempratures	-45°C (-49°F) to 60°C (-140°F)
Environment/Humidity	Up to 90%
Ingress Protection	IP68
Load Capacity	20 ton/Axle

WORKSTATION & PROCESSING UNIT

CPU	Intel i7
Memory	32 GB
OS	Linux based

UVEYE
VEHICLE INSPECTION SYSTEMS