



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

## Mobile

The mobile 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 more visibly noticeable.



### Feature Highlights

- Packed in an easy-to-carry suitcase
- Deployed and fully ready for use in 5 minutes!
- High-Speed Intelligent Image Processing - within seconds the operator receives a fully-scanned preprocessed image of the vehicle's undercarriage
- Scans 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
- High-Resolution color cameras
- Industrial fans for air-circulation
- Advanced workstation PC
- Reporting system with export options
- Operational even in harsh weather conditions

### Optional Features

- UVInspect - Threat detection from the first pass
- API for system events

### Technical Specifications

#### SCANNING UNIT

Dimensions (L x W x H)	86 cm X 40.85 cm X 7 cm 33.85" X 16.08" X 2.75"
Material	Industrial Hard Polycarbonate Plastic
Illumination type	Dynamic LED Array
Weight	20 kg
Load Capacity	10 Ton/Axle

#### ENVIRONMENTAL

Operating temperatures	-20 ° C (-4°F) to 60 ° C (-140° F)
Ingress Protection	IP54

#### WORKSTATION / PROCESSING UNIT

CPU	Intel i7
Memory	32 GB
Storage	2 TB
Monitor	Industrial LED 22"
Control	Industrial Keyboard + Mouse