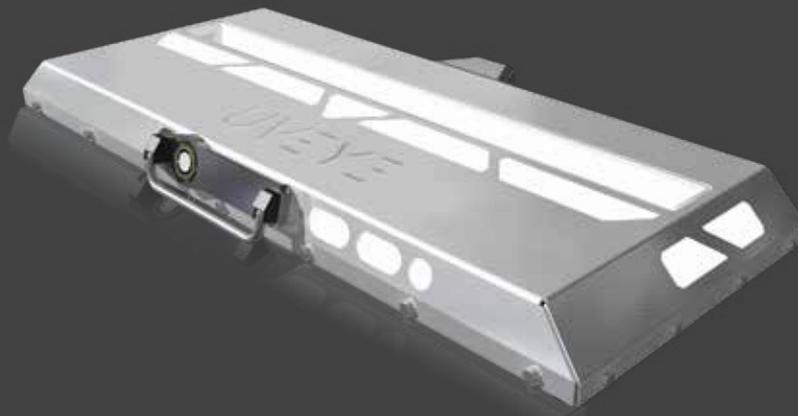**2018**

# UVEYE

## Under Vehicle Inspection System
# Mobile



**UVEye is an advanced security system for detecting possible threats (or changes) hidden in the vehicle undercarriage. Its sophisticated software provides a simple and easy-to-use interface.**

The mobile unit comes with super high-resolution cameras that produce a 3D color image of any vehicle driving at a speed of between 1 - 45 km/h, as fast as 3 seconds.

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

The system automatically stores and retrieves images for threat detection with and without the use of an ALPR. Producing high-quality and vivid scans, threats and changes become more noticeable. The system's special lenses also contribute to eliminating any fisheye distortion.

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 either in the same facility or in other facilities, thus casting a wider security net.

In addition, the operator workstation features a friendly user-interface with complete remote access capabilities.

UV=Y=

## PRODUCT FEATURES

✓ **Packed in an easy to carry suitcase**

✓ **Deployed and fully ready for use in 5 minutes!**

✓ High-Speed Intelligent Image Processing - In approximately 3 seconds the operator receives a fully-scanned preprocessed ready-to-use 3D footprint model of the vehicle's undercarriage

✓ Scans any vehicle type up to 3.5m in width with no limitation on vehicle length

✓ Stop & Go Image Acquirying - stopping above the system and continuing driving doesn't affect the image quality

✓ High resolution color cameras (image resolution 3800x1500)

✓ Unique material for the system top glass layer - prevents rocks and nails from scratching or cracking the glass

✓ Anti-condensation unit – prevents steam accumulation

✓ Industrial fans for air-circulation

✓ Advanced workstation PC

✓ Reference Image Database

✓ Advanced reporting system with export options

✓ Compatible with low/high temp (-20C +60C); no need to shelter scanning area

## OPTIONAL FEATURES

✓ Automatic Image Comparison

✓ Automatic Threat Recognition

✓ Shared Database

✓ API for system events

✓ **Advanced built-in LPR camera**

✓ Built in car overview camera

✓ Remote connection

## TECHNICAL SPECIFICATIONS

| SCAN UNIT | |
| --- | --- |
| Dimensions (L x W x H) | 84 cm x 40 cm x 6.5 cm<br>33.3" x 13.5" x 2.95" |
| Material | Industrial Hard Polycarbonate Plastic |
| Power supply | 110 / 220 VAC |
| Power consumption | Nominal: 465W<br>Peak: 600W (at max. illumination & cooling) |
| Illumination type | Dynamic LED Array |
| Weight | 15 kg |

| ENVIRONMENTAL | |
| --- | --- |
| Operating tempratures | -20 c to +60 c (-4F +140F) |
| Ingress Protection | IP67 |

| WORKSTATION | |
| --- | --- |
| Computer | Intel i7 based processor |
| Memory | 16 GB |
| Storage | 1 TB |
| Monitor | LCD/LED 21.5" |
| Control | Industrial Keyboard + Mouse |
| Image Resolution | 3800 x 1800 px |