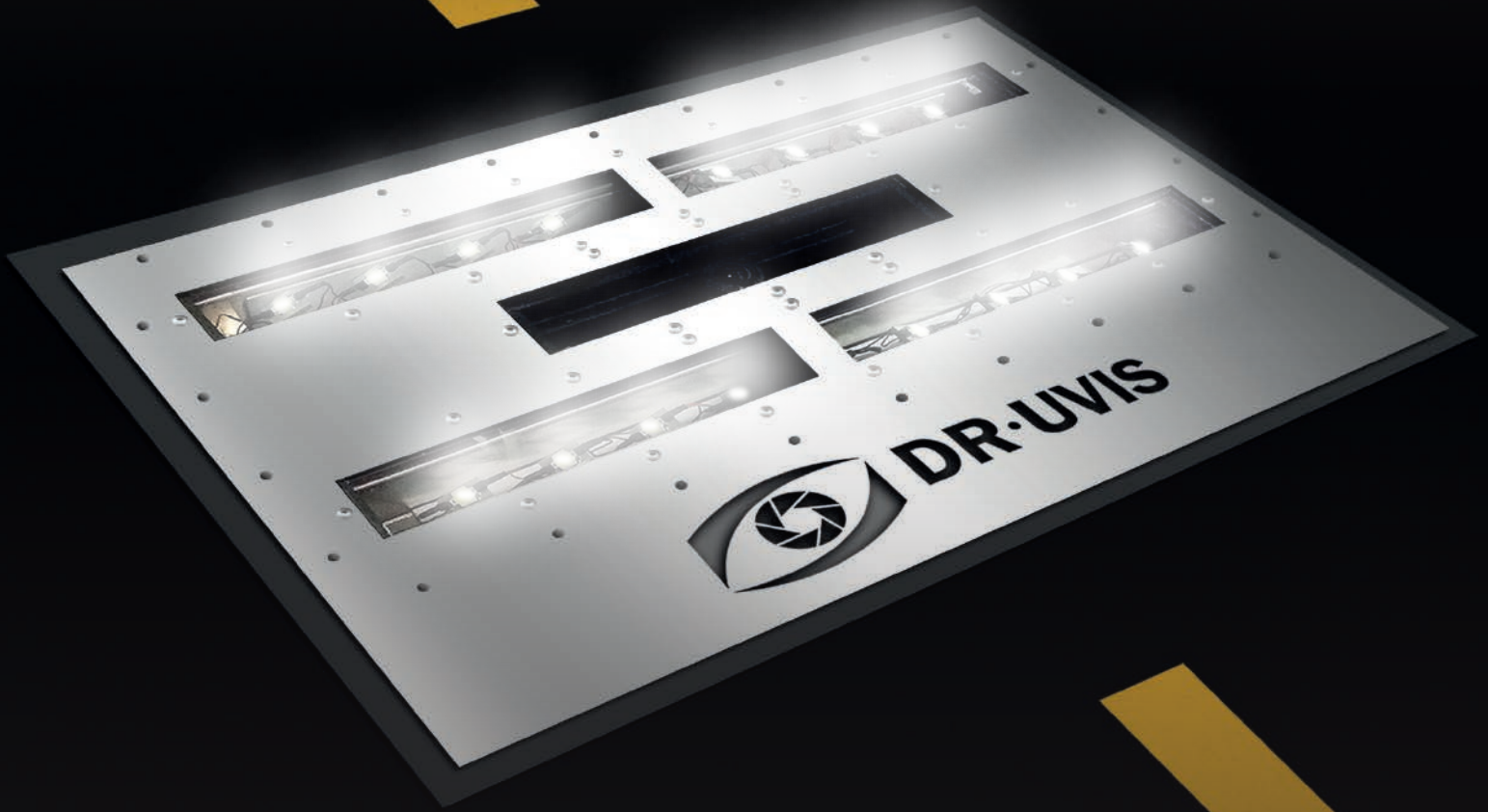




DR·UVIS



Under Vehicle Inspection System
THE ULTIMATE SECURITY CHECK POINT

THE ULTIMATE SECURITY CHECK POINT

DR UVIS is the solution to visually inspect vehicles undercarriage, providing a powerful tool for the detection of suspicious objects which may represent a possible threat (such as explosives, weapons or drugs) to your facilities.

5 STEP PROCESS

- Automatic licence plate recognition, driver and scene snapshots.
- Scanning procedure, undercarriage image reconstruction.
- Manual / Automatic analysis and comparison.
- Operator identification
- Grant access, deny access, or emit alarm, all by Software.



PRODUCT INFORMATION

High quality color image to cover full undercarriage.

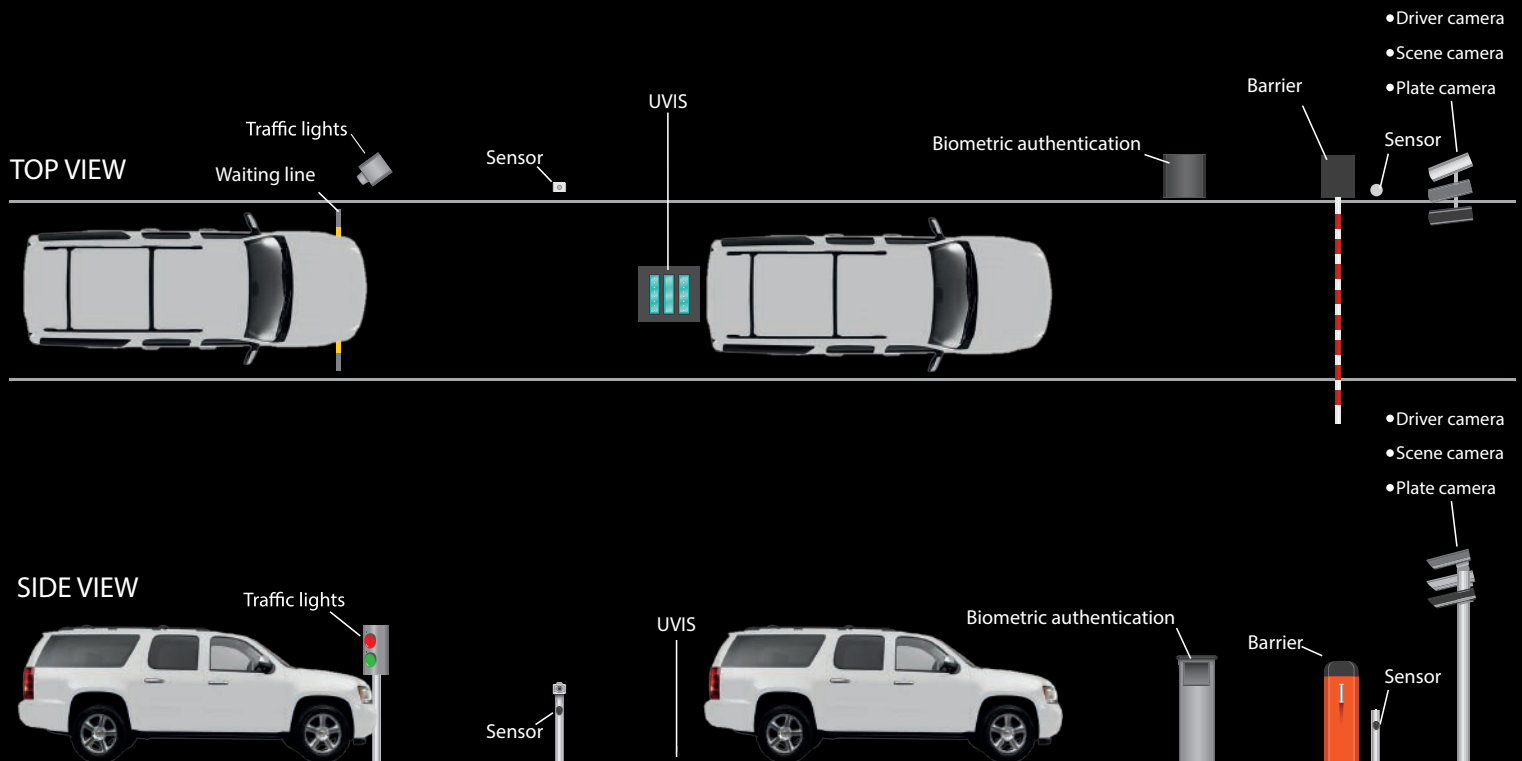
Super bright illumination system.

Robust and hermetic design built on stainless steel housing.

Easy installation and removal for maintenance purposes.

Additional accessories:

- High-pressure air cleaning system
- Cooling system
- Heating system
- Defogging



Illustrative image of DR-UVIS in operation with optional accessories

SOFTWARE FEATURES

Excellent color image reconstruction, fully functional even if the vehicle stops or changes its speed when passing through the UVIS.

Best color image available today, 1950 images per second.

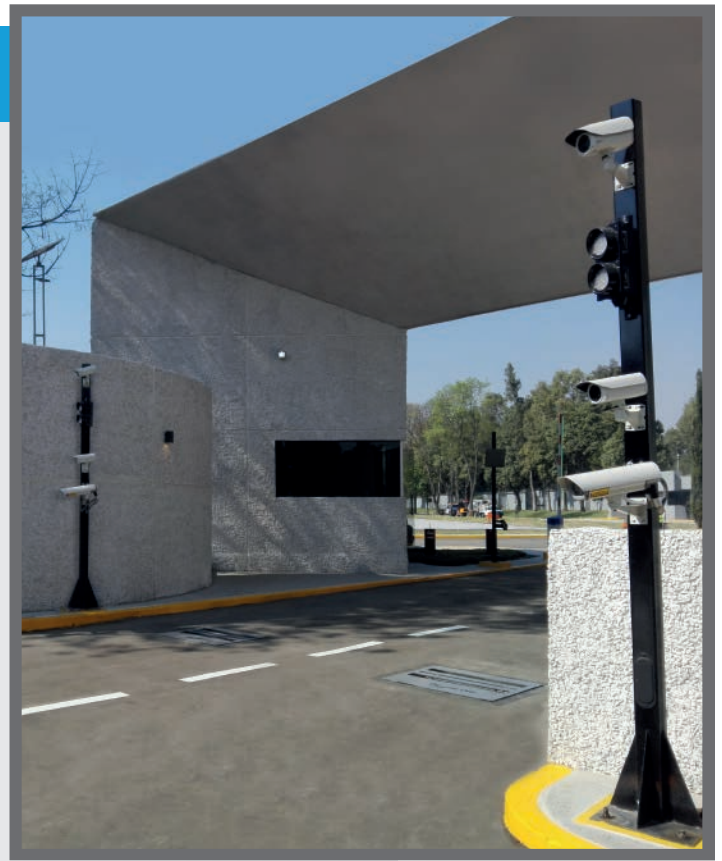
Digital zoom function for a more detailed inspection.

Automatic licence plate recognition.

Driver and scene snapshots optionally integrated for event reference.

Multiple configurations available: bidirectional scanner, multiple LPR, and so on.

Image processing functions for detail improvement.



AUTO-COMPARISON

An auto-comparison can be done depending on customer's needs for possible threat detection, which compares current image against the reference image of the same vehicle, it could be its first or last inspection or whichever the operator chooses.

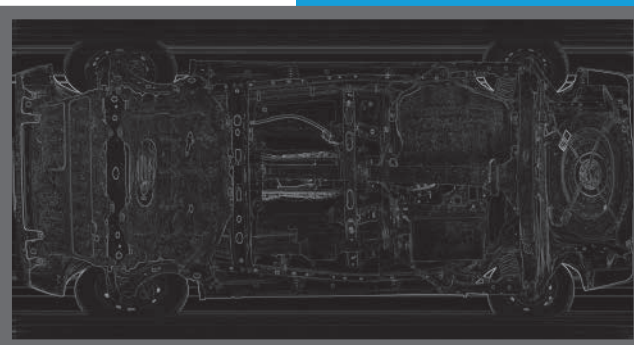
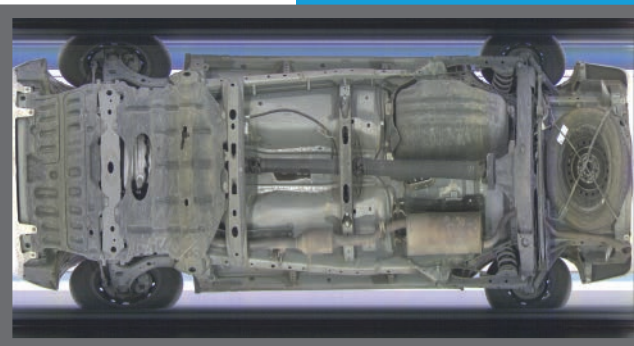
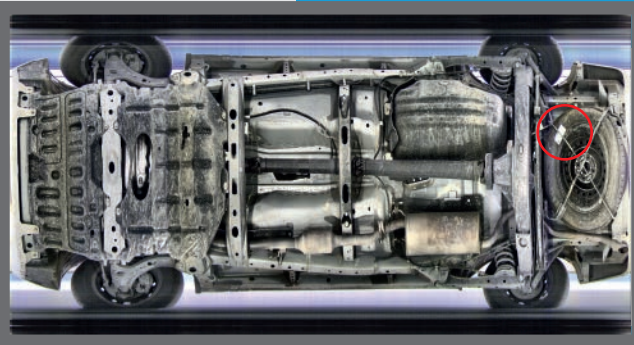
ENHANCEMENT

This function produces a grayscale image that normalizes the original image luminosity, improving the visualization of all those regions in the color image where the brightness is not enough to perceive the details.

CONTOURS

A black and white image representing the visually perceptible closed borders of the vehicle undercarriage.

These silhouettes offer another way of inspection to look for strange objects attached to the unit.



TECHNICAL SPECIFICATIONS

(Fixed or Portable)

GENERAL

UVIS Dimensions	910 x 610 x 21 mm
UVIS net weight	25 Kg
Vehicle's optimal speed	From 5 to 18 km/h

ILLUMINATION SYSTEM

Type	LED
Power supply	110 / 230 VAC
Light	White superbright
Number of LEDs	18
Expected life time	5 years

SOFTWARE

Operating system	Windows 7, 8, 8.1
RAM	16 GB
Hard disc	1 TB
CPU	Intel Core i7 3.6 GHz

POWER SUPPLY

General supply	110 / 230 VAC
Frequency	50 / 60 Hz
Consumption	500 W

ENVIRONMENTAL

Operating temperature	- 20°C ~ 60°C*
Operating humidity	100 %
Impactproof	Yes
Shockproof	Yes
IP level	IP68

* Additional temperature control system required.

OPTIONAL ACCESSORIES

AUTOMATIC CLEANING SYSTEM



TEMPERATURE CONTROL SYSTEM

