

Visual
Inspection
Surveillance
Observation and
Recording



Under Vehicle Inspection

VISOR under vehicle inspection system is designed for use at temporary or permanent vehicle checkpoints. **VISOR** is ideal for providing temporary enhanced security at border control major events and conferences and when permanently installed for force and facility protection.

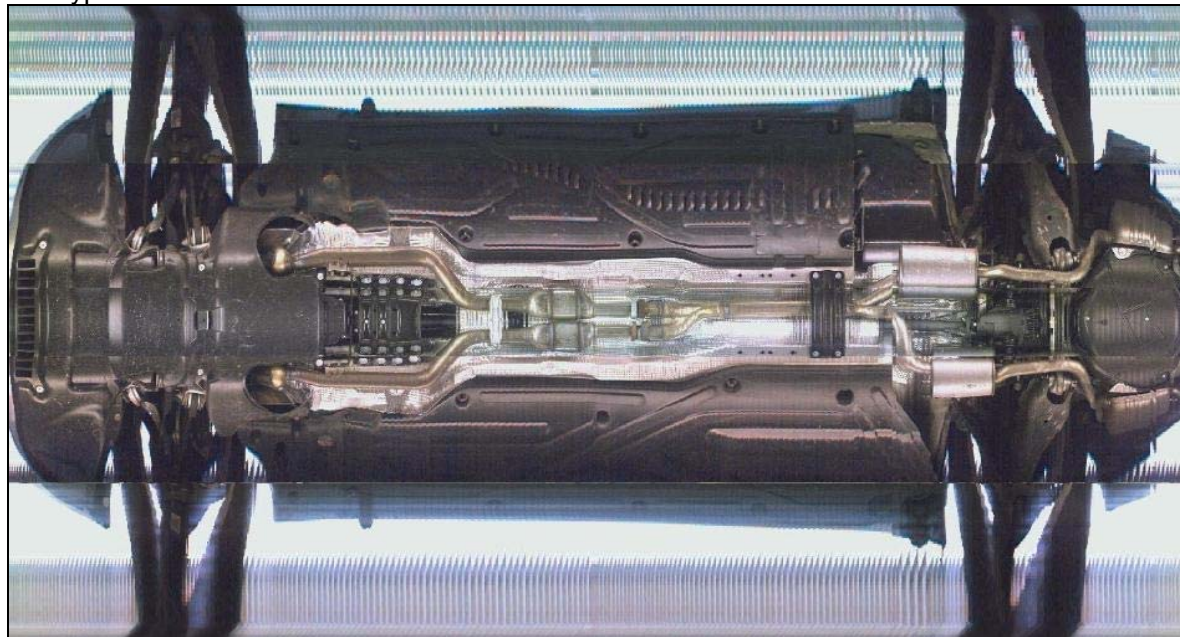
VISOR uses advanced imaging technology to construct a single image from video sequences from each of the system's cameras. The Control / Viewing unit user interface allows the operator to browse each of the frames which make up the full image. The frames are at full resolution and the resultant zoom capability provides high definition images from each camera's viewpoint – right into the wheel arches.

VISOR system is portable and self-contained. The complete system comprises two units – the imaging and the control / viewing units. Both units can be easily carried in the trunk of a car. The imaging unit can be temporarily or permanently installed where there is vehicular traffic. Installation simply requires the user to deploy the imaging unit, connect the cables to the viewing unit, apply power and start to use.

A **VISOR** system is complete with all of the all of the parts required to operate it including a fully functioned high specification laptop computer with large storage capacity cables and carry cases.



Typical under vehicle view



Mercedes

VISOR specification:

- Single image of the entire vehicle underside in seconds.
 - Separate image of the front of the vehicle.
 - Detailed inspection of the underside by browsing the individual high definition camera images.
 - Compact, light and portable.
 - Total weight is less than 45kg
 - Easy and quick deployment by one person.
 - Can be deployed in a few minutes.
 - Standard 10m cable run between imaging and control / imaging units.
 - Simplicity of operation – Windows based software.
 - Lap top computer is included with the system.
 - 110v / 220v, 50 / 60 Hz operation.
 - Low power consumption – can operate from portable power sources.
 - Weatherproof (IP 65 rating).
 - Manual or automatic storage of images.
 - Network compatibility to allow transmission of data to other locations.
 - Extendibility of performance through software enhancements.
 - Carry cases included.
- The image may be viewed directly on the screen and, if required, individual parts of the image can be examined in a separate window by moving the cursor over the main image. Zoom control is also available.
 - By using several angled cameras VISOR can see into difficult-to-see areas such as wheel arches and behind objects.
 - Results can be saved for later inspection.
 - The image data may be compared with previous records of the same vehicle to look for any differences.



Zoomed image of a feature showing hidden Handgun

Features:

- The data may be processed locally to the imaging devices or remotely when the image data is transmitted by cable, fibre optics, infrared, or wireless links.

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