Under Vehicle Surveillance System
More Safety with UVSS

Our Under Vehicle Surveillance System. With its innovative technology, the system supports fast and easy detection of dangerous objects as, for instance, weapons and explosives, drugs and contraband as well as safety or quality defects (e.g. rust).*

In contrast to conventional vehicle underside control methods, like hand-held mirrors or inspection wells, Our UVSS facilitates reliable safety inspections without slowing down the flow of traffic at the access point.

Range of Application

Whether as a mobile or a static system - We offers a wide field of applications:

- Protection of airports, military institutions, embassies, nuclear power plants, penitentiaries as well as other high-profile installations
- Border controls
- Parking garage access controls
- Security checks at sports events or other large-scale events Mobile vehicle
- controls by the police

UVSS as a Mobile System

- For flexible safety controls at changing inspection sites
- Fast assembly and disassembly as well as uncomplicated transport
- For all vehicle weight classes and track widths

UVSS as a Static System

- For sophisticated safety inspections in connection with a comprehensive access control system
- Mounting into the road surface with little constructional effort
- High load capacity
System Structure and Functionality

The Under Vehicle Surveillance System essentially comprises a scanning unit, a workstation, traffic lights and a light barrier; depending on the system option.

UVSS protection ramps for the mobile system as well as a steel construction for the static system (Optional).

In addition, we can be upgraded with a variety of additional options.

The scanning unit with consists of 2 line Camera and an LED lighting unit.

Through a small slit in the scanning unit, the camera captures the entire underside of a vehicle in moving traffic.

In order to display the underside to scale, different heights of undercarriages (car/truck) as well as the vehicle length are taken into account.

The underside is then displayed as high-resolution image on the screen.

Exemplary Application

System Options:
- Automatic number plate recognition (Optional)
- Traffic Light for signals (Optional)
- Video camera for vehicle recording

To simplify the correlation between the underside images and the corresponding vehicles, an optional front-end image capture camera as well as automatic license plate recognition can be integrated.
Key Facts

Labor- and time-intensive underside inspection methods are a thing of the past. The innovative UVSS system represents a revolution in safety engineering:

- Mobile and static system options
- Cost efficiency due to reduced constructional and personnel expenditures
- Fast dispatch of vehicles in moving traffic
- Modern software with compatibility to all current systems.
- High image quality
- Possibility to compare current and archived underside Video of the same vehicle
- Documentation, archiving and evaluation of the recorded vehicle data

SIGMEN GROUP
#.6, Street #15, F-6/3, Islamabad 44000, Pakistan.
Web: http://www.sigmen.com | Email: info@sigmen.com
UAN: +92 51 111-SIGMEN(111-744-636) | Fax: +92 51 2274249

More Safety with Technology from our Company…