

Under Vehicle Inspection System

SecureAccess

FEATURES & BENEFITS

- Capability to scan the vehicle while stationary.
- View above strut bars and other vehicle components from multiple angles and magnification.
- Live color video feed for constant eye contact with suspicious objects until threat confronted.
- System automatically scans chassis, using preprogrammed sequences or by user defined programs.
- 4 axis optical head unit.
- High resolution camera with a powerful optical zoom.
- Manual mode for suspicious objects through inspection.
- Operation via touch screen and joysticks.
- Programmable auto scan sequences.
- The systematic scan cycle focuses on suspicious vulnerable places on the chassis.
- Manual mode can be accessed even during an automated sequence; the resume button continues the auto scan.
- Optional recording for documentation, raining & investigation.
- The control unit may be located as distant as needed from the vehicle.
- Operator/Bomb squad technician may inspect objects from multiple angles before confronting them.
- Simple user interface, easy to use, only 20 minute training needed.
- Non PC based. The PLC design makes the system highly reliable with low maintenance needs.
- Water tight system for harsh weather conditions. Safe in the environment of volatile material transports.
- Quick and simple installation.



REGISTERED PATENT

SYSTEM CAPABILITIES:

The System was designed specifically to scan the under carriage of vehicles for the presence of irregular objects. Objects may vary from explosives, drugs, merchandise and even in some cases the smuggling of human beings across borders or out of prison compounds.

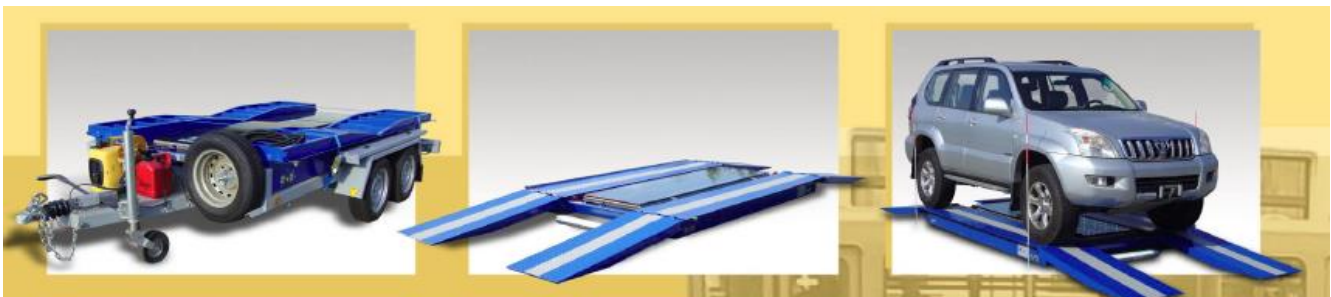
When the vehicle reaches the gate the system automatically scans the undercarriage presenting a high resolution live image to the user. The user may be as far as needed from the inspected vehicle.

The system has a 4 axis optical head unit that allows automatic scan cycles and may be operated in manual mode as well. The operator can move the optical unit along the vehicle, as well as pan, tilt and zoom in to suspicious objects. The high resolution camera has a powerful optical zoom for examining suspicious objects.

The versatile view angle allows the user to verify from multiple angles the suspicious treat before actually having to physically reach the subject. In the case of bomb squad technicians, being able to examine the object from a distance before having to physically deal with it could make the difference of life and death, as well as save the incontinence of false alarms.

The system is based on a logic controller that controls all functions. This makes the system easy to operate without the hassle of using a computer or having to train personnel to understand how to use computers. One cable connects the control board to the system (quick and easy installation). The system varies from a 2.5 meter system for inspecting cars and a 4 meter system for inspecting trucks. The system is 20 cm high and can be inserted to ground level or be placed on the surface with small ramps that bring the vehicle up 20 cm. There is a portable system as well for special applications.

All data from the system can be recorded to the local DVR system for training and investigation uses. The data can be tied to a LPR system as well for better documentation.

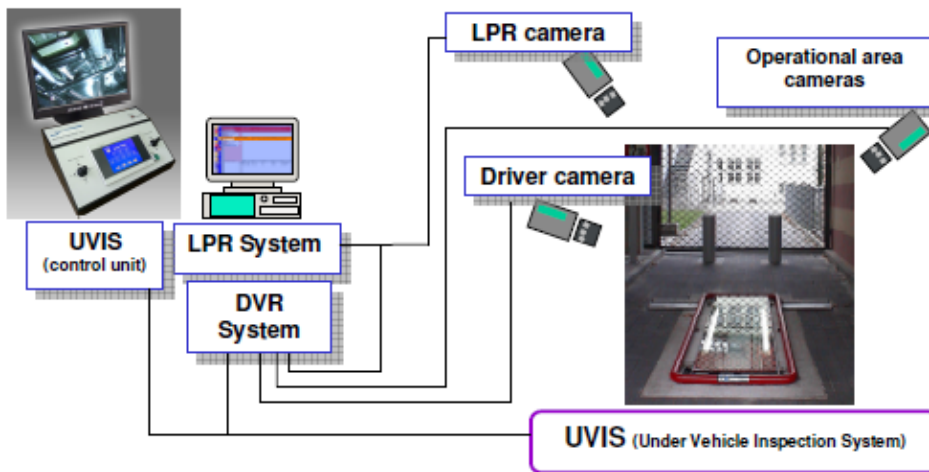


APPLICATION:

Government offices, embassies, oil and gas refineries/storage depots, border checkpoints, correctional facilities, power plants, sporting events, conventions and other sensitive sites.

SPECIFICATIONS:

Complete concept for secure car and driver access



The ability to scan a vehicle while stationary	✓
Inspection above strut bars and hidden places	✓
Inspection of a suspicious object from multiple angles	✓
Live color video feed	✓
Real time image	✓
High resolution optical magnification	✓
Automatic or manual inspection modes	✓

Custom programmable inspection sequences, according to client's demands	✓
Easy integration with existing security technologies and systems	✓
Recording, investigating and training capabilities	✓
False Alarms	NO
Short and simple training	✓
Relevance to the on hand threat	✓

- Work Temperature range: +5°f - +140°f (-15°c - + 60°c)
- Monitor: 15"-17" LCD
- Auto scanning sequence controls Pan, Tilt, Zoom and conveyer.
- Power requirements: 220VAC 4Amp