



Identify vehicles carrying hidden weight loads such as explosives, contraband or illegal immigrants



Receiving Station

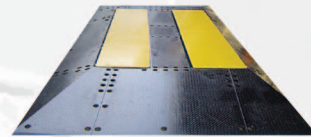
System Application

IVSS is an advanced and effective security system with the ability to detect cars carrying large amount of suspicious weight load into critical installations.

The system is most suitable for identifying explosives, stowaways or smuggling activities.

System Components

Rapid inspection is conducted within seconds using a specially designed Vehicle Clearance Platform and a Computerised Receiving Station.



Vehicle Clearance Platform

Artificial Intelligence

Artificial intelligence is built into the system to enable it to think like a 'human being' and have the ability to perceive and reason like any 'human being' given time. Utilizing the captured weight data, the self-learning system creates its own set of reasoning through time and converts these data into a reading for analysis purposes.

System Description

As the driver stops on the Vehicle Clearance Platform, IVSS automatically captures the weight of the entire vehicle and transmits the data to the Receiving Station for data processing and analysis.

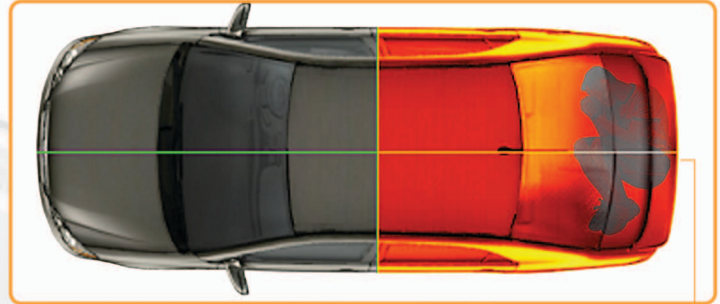
Once a vehicle weight discrepancy is found, a high alert alarm will be activated and the barrier gates will be disabled.

Every vehicle is tagged with an identity from their vehicle licence plate number and is given individual database. By analyzing the weight entries in the respective database, a clearance weight is created for weight comparison

The IVSS user interface pin-points the exact location of the suspicious weight found and indicates the total vehicle weight and weight differences detected to the security officer. Officers are provided an effective tool to identify any concealed foreign objects inside a car.

Most suitable for law enforcement, defence, prisons, custom checkpoints, airports and government buildings

Pin-points exact location of suspicious objects immediately



Security personnel can now check for suspicious items placed under the car and at the same time identify any large amount of foreign objects hidden inside a car.



Human Being Detected At Rear

Original Factory Weight Database

The operating system collates the vehicle factory weight of all makes and models to produce a vehicle clearance reading for comparison.

Based on its findings, IVSS will justify its reasoning and conclude if a weight discrepancy occurs.

Integration with UV® range of Under Vehicle Surveillance Systems

Integration of the IVSS™ In Vehicle Surveillance System with UV® Under Vehicle Surveillance System offers a new perspective for vehicle inspection.

Using the UV® range of Under Vehicle Surveillance System, a clear and complete monochrome or colour undercarriage image is provided for detailed examination.

The self-learning security system automatically generates a weight comparison and cross checks its analysis with the manufacturer's original weight database for accuracy enhancement.



Security personnel can now check for suspicious items placed under the car and at the same time identify any large amount of foreign objects hidden inside a car.