

# TeleRadio

## UVMS

### *Under Vehicle Magnetic Sensor*

Detect magnets or magnetic objects attached to the vehicle's undercarriage.

Magnets are commonly used to attach improvised bombs, weapons or suspicious objects under the vehicle for unlawful activities.



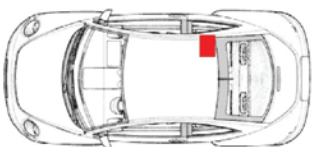
*UVMS Ramp*



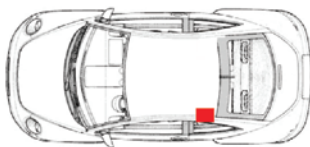
*Receiving Station*

#### **Application**

UVMS is suitable for vehicle screening at all crucial vehicle checkpoints such as entries to critical installations, airports, military camps, naval bases, custom borders, embassies, hotels and other important buildings.



*UVMS detects magnetic object at right rear*



*UVMS detects magnetic object at left rear*

#### **Awards & Certifications**



*\*Gold prize winner of Merlion Award  
– Safety & Security Asia*

#### **System Highlights**

- Designed for outdoor deployment
- Alerts upon detection of any abnormal magnetic field
- Pin-point the location of the magnetic object
- Automatic screening with only 1 operator required
- Review directly from a computerised station
- Less than 3 seconds per vehicle
- Easy to operate with minimum training required
- Minimum installation required

#### **Optional Features**

- Integrate with Under Vehicle Surveillance System (UVSS)
- Integrate with Vehicle Licence Plate Recognition (VLPR)
- Portable system available.



ISO 9001:2008 CERT NO.: 300204



## UVMS Graphical User Interface



## Technical Specifications

Under Vehicle Magnetic Sensor (UVMS)	
Technology	Magnetic Field Sensing
Sensor Type	Line Scan Magnetic Sensor
Sensitivity	0.4G (Gauss) or 0.04mT (Tesla)
Bandwidth	0-90Hz
Sensor Per Board	8x
Positive Linearity	±1.5%
Negative Linearity	±1.5%
Symmetry	±1.5%
Sensitivity Drift	±2%
Communications	Ethernet RJ45 Jack
Typical Power Source	Transformer Primary 230Vrm, Secondary (9-0-9Vac) 24VA support up to 4x PIC-MCB
Input Voltage	10-24Vdc (Absolute max 40Vdc)
Power	12Watt
Fuse	3A
Receiving Station (RS)	
Processor	Intel® Core i3 Processor
Memory	2GB
Hard Disk	500GB
Monitor	19"
Power Requirement	110-240V, < 1.5Amps

*Product specifications may be subject to change without prior notice.*

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*Authorised distributor:*