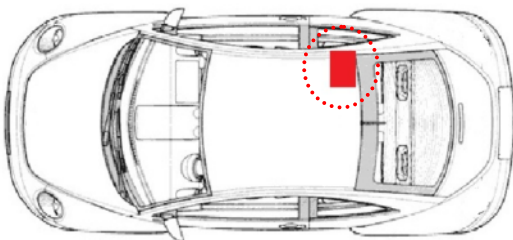


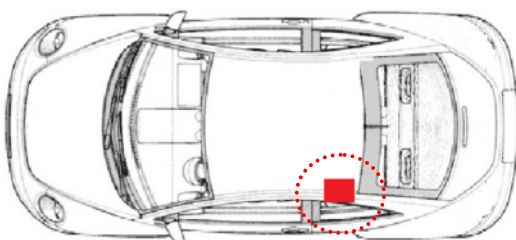
Under Vehicle Magnetic Sensor (UVMS)



UV Magnetic Sensor Ramp



UVMS detects magnetic object at right rear



UVMS detects magnetic object at left rear

Usage

Detect vehicle undercarriages that are attached with magnets or magnetic objects.

Magnets are found to be commonly used to attach dangerous improvised bombs, weapons or unauthorized objects under the vehicle during unlawful activities.

Hence the ability to detect magnetic objects under the vehicle further brings security to a higher level at vehicle checkpoints.

Application

The UVMS is suitable for law enforcement vehicle screening at all crucial vehicle checkpoints, entries to critical installations, airports, military camps, naval base, custom borders, embassies, hotels and important buildings.

Technology

- ✓ Magnetic Field Sensing

System Highlights

- ✓ Designed for outdoor deployment
- ✓ Alerts upon detection of any abnormal magnetic field
- ✓ Pin-point the location of the magnetic object instantaneously
- ✓ Automatic screening with only 1 operator required
- ✓ Review directly from a computerized station
- ✓ < 3 seconds per vehicle
- ✓ Screen vehicles of all types and sizes
- ✓ Easy to operate with no major training required
- ✓ No major installation required

Optional Features

- ✓ Integrates with Under Vehicle Surveillance System (UVSS)
- ✓ Integrates with Automatic Vehicle Licence Plate Recognition (VLPR)
- ✓ Portable systems are available

System includes:

- ✓ 1 set of UV® Magnetic Sensor Ramp
- ✓ 1 set of UV® Magnetic Sensor Receiving Station



UVMS Receiving Station

Technical Specifications

Under Vehicle Magnetic Sensor (UVMS)	
Sensor Type	Line Scan Magnetic Sensor
Sensor Scanning Speed	180 Lines Per Second
Sensitivity	0.4G (Gauss) or 0.04mT (Tesla)
Bandwidth	0-90Hz
Sensor Per Board	8x Sensor
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 Pentium Duo-core Based
Memory	1GB
Hard Disk	500GB
Monitor	19 Inch
Power Requirement	110-240V, not more than 1.5Amps

Product specifications may be subjected to change without prior notice.

UVMS GUI



Original Manufacturer

For more information, please contact:-



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