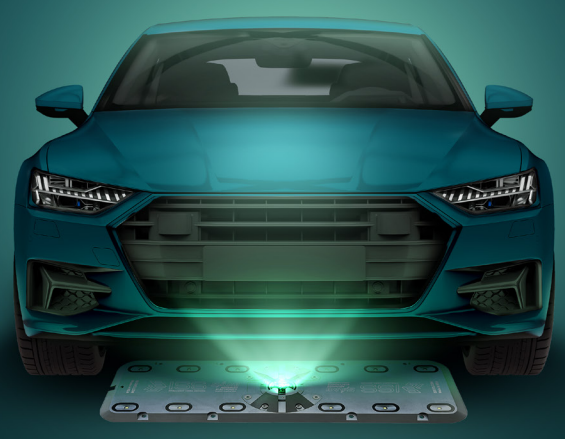
SAMI-AEC Masseh

Revolutionizing Undercarriage Inspections for a Swifter, Safer Saudi Arabia

Over the decades, the need to increase efficiency, reduce costs, and boost the reliability of the under-carriage inspection process has prompted the evolution of Under Vehicle Scanning System (UVSS). Maturing from manual and complex inspection procedures to intelligent systems offering immediate threat detection, UVSS is formulated with an advanced appeal.



The Evolution of Under-Vehicle Inspection Security Technology

Manual inspection

- Security personnel manually inspect vehicle undercarriage
- Slow & dangerous process

Handheld mirrors

- Traditional mirrors on a stick system
- Limited visibility & ergonomic issues

Line-scan cameras

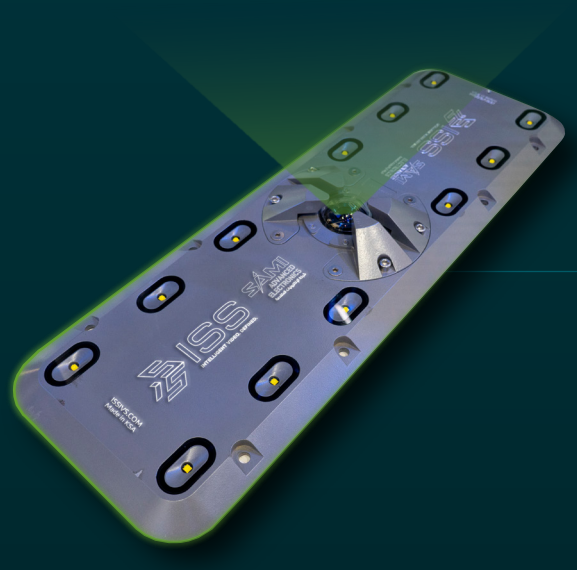
- Capturing continuous lines of undercarriage pixels generates a series of images that are processed in real-time
- Speed dependency & integration complexity

Area-scan cameras

- Guarantee no distortion caused by unstable speed and allows seamless integration with other security system
- Affected by harsh environment and lens contamination

Intelligent UVSS

Faster Inspections, Improved Accuracy, Reduced Data Transfer



- ANPR (Automatic Number Plate Reading) and object detection features
- 3D technology provides an enhanced field of vision
- AI algorithms to automatically identify potential threats
- Increased system integration abilities

Embrace the Era of Intelligence in Vehicle Inspections with SAMI-AEC Masseh

High-Quality Undercarriage Screening

- Clear imaging at any speed ensures thorough vehicle inspection
- Patented de-warping technology corrects distortions, enabling precise undercarriage assessment

Easy Installation + Maintenance

- Swift deployment without heavy construction reduces setup time and costs
- Integrated video analytics detect vehicle presence without physical sensors, simplifying operations

Advanced-Data Handling

- Automatic license plate recognition streamlines search and analysis, improving response times
- Anomaly detection in subsequent scans swiftly identifies suspicious changes, enhancing operational efficiency

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