

HomeLand

UVSS

under vehicle screening system



● **User Friendly GUI**
Quick and accurate analysis



- **State of The Art Technology**
Using highest resolution Digital Line Scan Camera of 4096 pixels
- **Automatic Detection**
Instant detecting of any foreign objects hidden at undercarriage of vehicles
- **Efficient & Effective**
Capable to screen vehicles of all sizes with travelling speed up to 60km/h
- **Reliable**
The system performance and reliability is proven with more than 100 installations around the world

Digital Colour UVSS



The Most Advance Technique For Undercarriage Inspection



HomeLand's Digital Colour UVSS provides the operator with a safe and effective method by presenting a full-length colour image when a vehicle is driven over the Screening Unit. The system exposes the undercarriage of vehicles for any explosive devices, weapons, contraband, personnel, etc.

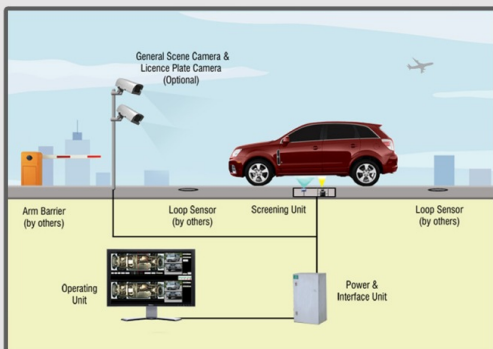
Features & Capabilities

- A full-length high resolution image for inspection
- Automatic Detection of foreign objects in seconds
- Screen vehicles of all sizes
- Image capturing in < 3 seconds
- Captures vehicle with travelling speed up to 60km/h
- Automatic date & time stamping feature
- Image zooming, contrast & brightness control feature
- Vehicle database & reporting feature
- Security password protection
- Available in Flush Mount, Surface Mount and Portable design
- Ability to integrate with HomeLand's carXray
- Customization to suit various projects' requirement

Security is Line Scan

Using state of the art Line Scan Technology, Digital Colour UVSS presents **high quality** and **seamless** images for precise inspection.

Other UVSS which uses stitching technology produces **doctored**, **misaligned or overlapping** images.



Flush Mount



Surface Mount



Portable

Video UVSS

The Basic Solution Of UVSS
With Video Based Technology



HomeLand's Video UVSS is specially designed for the security personnel to perform vehicle's undercarriage inspection by monitoring the digitally recorded real time videos. High resolution digital videos provide clear live views of the complete vehicle's undercarriage enabling easy detection of any attached packages, explosives and other objects.



Video UVSS

- Real time videos are processed by the PC which is capable of recording 2 or 4 channels simultaneously
- Produce high quality video clips within reasonable vehicle access speed of less than 20km/h
- Screen vehicles of all sizes, from saloon cars to container trucks
- System can be integrated with optional features as a comprehensive security solution
- Easy maintenance

Applications of UVSS

- Airports / Seaports
- Military Bases
- Custom Checkpoints
- Palaces
- Embassies
- Stadium and Hotels
- Banks
- Government Buildings
- Prisons
- Courts of Law
- Power Plants
- Shopping Malls
- Oil, Gas & Petroleum Plants

System Integration

- HomeLand's carXray
- License Plate Recognition System (LPRS)
- General Scene Camera
- Driver's Face Capturing Camera
- Access Control System
- Vehicle Barriers
- Radiation Detection System

Technical Specifications

DESCRIPTION		DIGITAL COLOUR UVSS	VIDEO UVSS
Screening Unit	Dimension	Flush Mount: 2050(L) x 555(W) x 400(D) mm Surface Mount: 2900(L) x 1500(W) x 80(H) mm Portable: 860(L) x 800(W) x 80(H) mm	Surface Mount (2 cameras): 2400(L) x 550(W) x 75(H) mm Surface Mount (4 cameras): 2400(L) x 550(W) x 75(H) mm
	Material	Galvanized Mild Steel	Galvanized Mild Steel
	Camera - Type	Digital Colour Camera	Video Colour Camera
	- Resolution	4096 Pixels	800 TVL, IR Colour
	- Field of View	120°	100°
	- Protective Housing	IP 67	IP 67
	Illumination Type	LED	LED
	Operating System	MS Windows 10	MS Windows 10
	Processor	Intel® Core™ i3 Processors	Intel® Core™ i3 Processors
	RAM	4GB	4GB
Operating Unit	Hard Disk	500GB	1TB
	Display	21" LED	21" LED
	Operating Software	HL Digital Colour Screening Software	HL Video Screening Software
	Others	Keyboard & Mouse	Keyboard & Mouse
Others	Operating Temperature	-5°C to + 65°C	-5°C to + 65°C
	AC Voltage	110 - 120V 60Hz / 220 - 240V 50Hz	110 - 120V 60Hz / 220 - 240V 50Hz
	Expandability	Future Upgrading is possible	Future Upgrading is possible

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HomeLand Technology Sdn Bhd
16, Jalan Teknologi Perintis 1/2,
Nusajaya Tech Park,
79200 Iskandar Puteri,
Johor, Malaysia.
T : +607-509 9092

E : sales@homeland.com.my
sales.homeland@gmail.com

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