U Link

Portable Under Vehicle Scanning System

UL-AUVSS3DP

FEATURES

- Mechanical Structure.
- UVSS Camera.
- LED Light.
- Automated License Plate Reader (ALPR).
- Driver Camera.
- Central Monitoring System (CMS).

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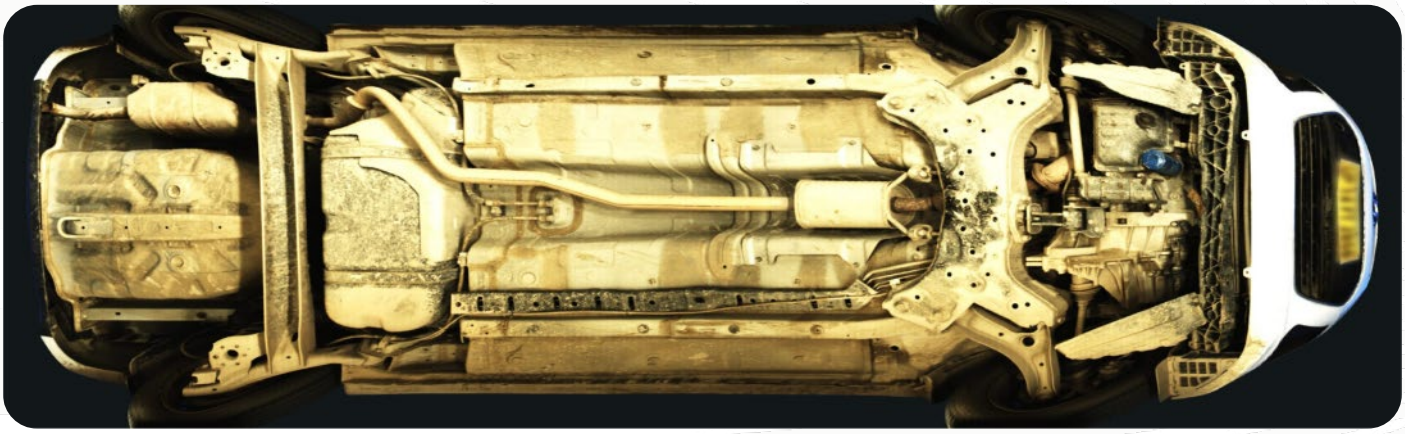
Portable Under Vehicle Scanning System



- **UL-AUVSS3DP** Is the advance automated COLOR Under Vehicle Scanning System CUVSS).NuvoScan (P) is based on the latest and highly advance area scan imaging technology .
  It uses the combination of High end electromechanical assemblies, cameras, illuminators and sensors besides NuvoScan's Area by Area image composing software .The visual information captured is synthesized by the system and subsequently produce a high quality composite under side image of vehicle facilitate efficient viewing and detection of any potentially harmful object that may be attached to the under belly of the vehicle.

Key Features

- **Image Comparison** this can easily compare under carriage images automatically with underside images of similar vehicle or previously stored image of The same vehicle.
- **Clear Color image** High resolution COLOR composite images of the vehicle's underside.
  All components from the underside of a vehicle are clearly captured for better visual analysis.
- **LED** LED are installed around the main camera which provides better illumination to UVSS.
  The array LED further facilitates image clarity during abnormal weather condition.
- **Zoom Feature** Zoom facility up to 20X of the composite image to facilitate a closer view of niche areas.
  This feature allow operator to delve into the image without loosing clarity.
- **Air Cleaner Mechanism** Air blower to cleans the top surface from dust by blowing high pressure air without leaving any traces.

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OPTIONAL Integration

Automated License Plate Reader (ALPR)

Automated license plate reader (ALPR) is high-speed, computer-controlled camera system that is typically mounted on poles. ALPR automatically captures all license plate numbers that come into view, along with the location, date and time.

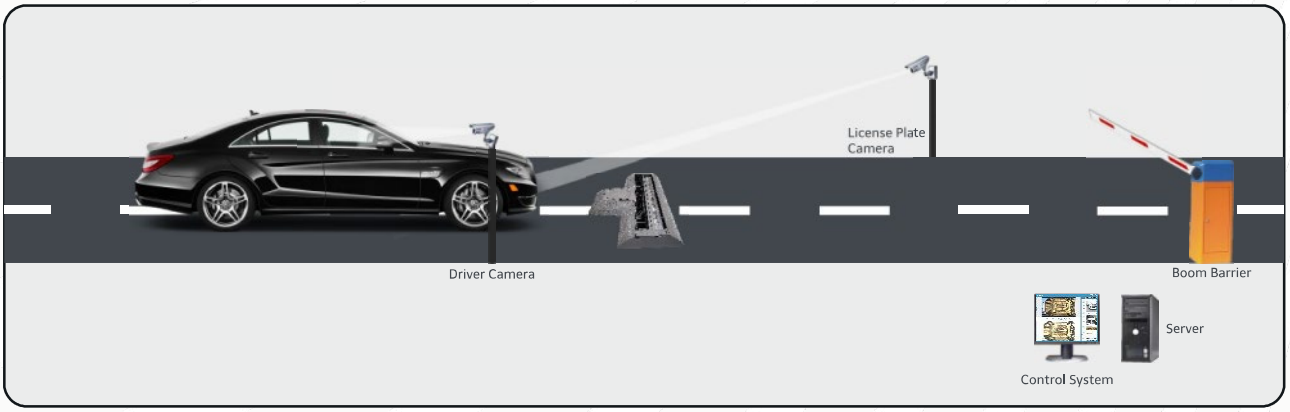
Driver Camera

The Driver camera captures the image of the driver approaching towards UVSS. The image of the driver is stored in the database with check-in date & time punched along with the license plate number for future reference.

Central Monitoring System (CMS)

The central monitoring system is a smart system that connects a series of child monitors together and further connects them back to a central monitor.

System Architecture



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SPECIFICATION	
Camera	
Image Sensor	CMOS Area Scan Sensor
Resolution	1280x1024 pixels
Video Format	GigE
Certifications	CE/FCC compliant
Power	12 V to 24 V DC, <10 W
License Plate Camera	
Imager	CMOS Color Area Sensor
Resolution	1 MP or better
Power	12 V DC
Mechanical Structure	
Material	Structural steel with checkered stainless steel on top
Environmental Protection	
Main camera & Light Enclosures	IP 67
Control Unit	
Processor	Intel Core-i5 2.4 GHZ or better
RAM	4 GB or better
Hard Disk Capacity	1 TB or better
PCI/PCIe Slots	2 PCI/PCIe Slots
Display Monitor	20" Color TFT or better
Sensor Unit	
Type	Inductive Loop Sensor
Power Requirements	220 V AC
Output	NO/NC Relay Type
Lighting Unit	
LED Light Unit	220 V AC, 240 W
General	
Unit dimensions (lXbXh)	990 X 595 X 85 (in mm)
Installation and Mounting	Portable: Surface Mounted
Speed Limit	Upto 20 Kmph
Load bearing capacity	40 Tonnes (GVW)
Operating Temperature	-20°C to 60°C
Weight	120 kg

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