ZK-VSCN100

Portable Under Vehicle Inspection System

Introduction

ZK-VSCN100 is a portable under vehicle inspection system, is used to detect vehicle undercarriage. When the vehicle passes, system can quickly recognize the vehicle license plate and generate a high definition image of vehicle undercarriage, which will be recorded in the computer. With foreign object detection function, system can quickly and accurately identify suspect objects attached to the underside of vehicles.

ZK-VSCN100 can be quickly installed or disassembled and used in many solution. It does not need civil construction and can be installed in 10 minute include wiring. In addition, it is convenient to move and deliver because all components are able to place in a cabinet with wheels. This under vehicle inspection system greatly improves the efficiency and accuracy of security check in order to achieve a higher level of safety.

Features

- Easy to install and maintain
- Automatic digital line scan camera, with high-resolution color image
- Image of total vehicle undercarriage
- Flexible access control
- 20-ton axle capacity
- Advanced workstation PC
- Automatic Image Comparison
- Foreign Object Detection
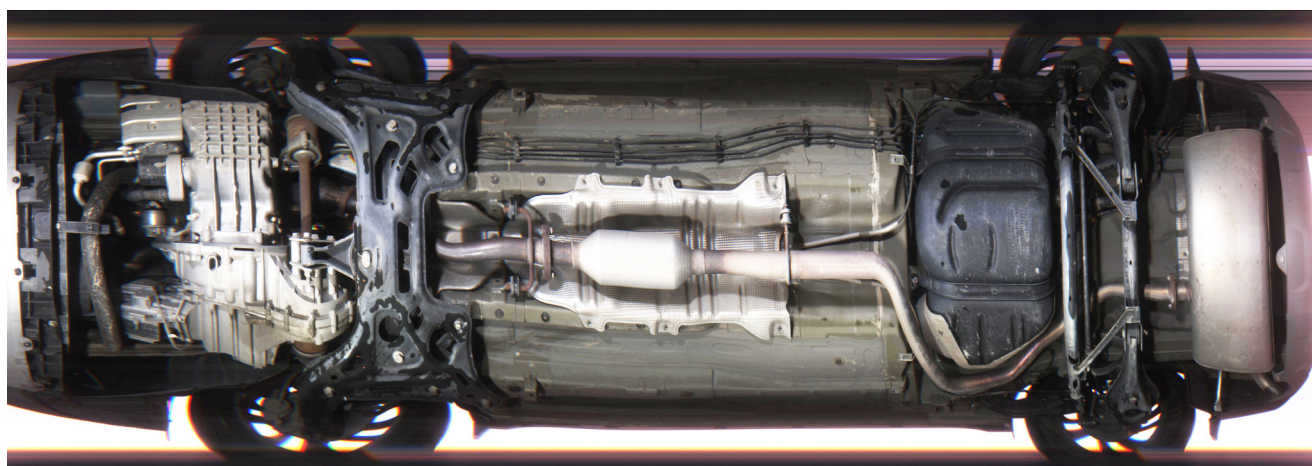- Real-time surveillance

Specifications

Camera	Intelligent color progressive line rapid scan CCD imaging
Vertical resolution of the image	5000*2048 pixels
Speed of vehicle	≤30km/h with LPR
	≤70km/h without LPR
Effective Field of View (FOV)	less than 170°
Auxiliary light	100W
Weight capacity	≤20T
Water-proof grade	IP68
Scanning device weight	16KG
Scanning device volume	400mm×340mm×78mm
Communication interface	RS232 / RS422
Operating Temperature	-35℃ to 60℃
Storage temperature	-40℃ to 75℃
Operating voltage	AC110-240V, 50-60HZ

System Host

Brand	Grantech (UFO6377H-SP1-953)
CPU	Intel® Core (TM) 2 Duo CPU P8600@2.4GHz or higher
Memory	2G (optional 4G)
Graphics	Inter(R) Gen 5.0 Integrated Graphics Engine
Hard Disk	SATA2 Hard Disk 500G
Communication	Dual LAN (At least one Intel Gigabit)
	USB2.0 (Up to 4 pieces)
Monitor	22inch LCD, resolution up to 1920*1080

Image

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More details

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