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Product Model :

SG 3300
Fixed Under Vehicle Surveillance System

The Under vehicle Surveillance system is our product for vehicle bottom security surveillance , it is available for detecting contraband andIllegal rendition at the bottom of the car quickly and accurately, it is faster and more accurate than the traditional car inspection mirror , greatly improving the Speed and accuracy of the vehicle safety inspection , and reduce the input of human resources.

Scope Application

It is used in the airport, prisons, customs and other government departments, and large public places' parking lot for the inspection of vehicles whether there are prohibited items.
It is used to security check for large-scale activities, exhibition entrance and exit .
It is used for security, explosion, the safety of the bottom of the vehicle inspection.

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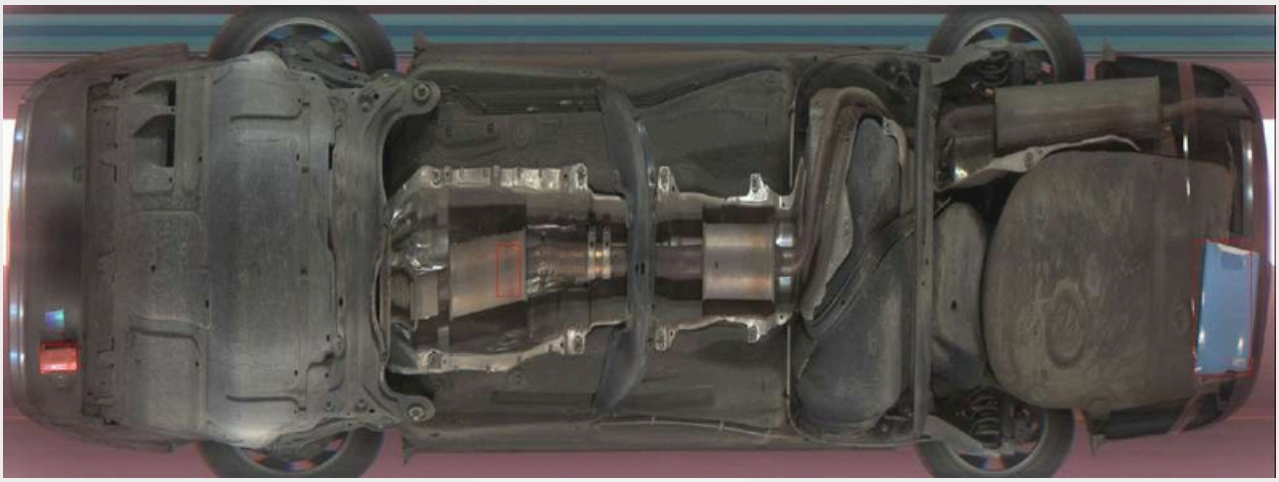
Technical Description – System Software

Item	Specification / Details
Imaging	Using the black and white/color wire array CCD scanning technology dynamic mode imaging
Time of image saving or loading	< 1s
Image display mode	Horizontal display
Image storage format	BMP, JPEG
System interface language	Customized
Display resolution	Adapt to various display resolutions
Image data transmission interface	RJ45
Scene image display	≥ 1 way
Image resolution	12000 x 6144

Image Function

Item	Specification / Details
The function of retrieval with images	According to date, time, license plate number and other information to retrieve the stored car and license plate images
The function of Auto Picture	When the vehicle passes through the car scanner at 1-65km/h, After the vehicle passes, the system displays the image in the 1S, When the vehicle remains stationery in the scanner image collection area for a certain period of time and then continues through the car scanner, the car bottom image is displayed intact
The function of auto saving and detecting image	Up to 10000 images stored automatically, and automatically deleted for the expired image.
The function of adjusting image quality	It can produce saturation, contrast, balance ,sharpening and zoom in and out, and the magnification of 16, zoom in on the local displayadjustment for car or license plate images;



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Technical Description – System Software

SPECIFICATION	DETAILS
Scanning Mode	Linear sweep, inductor is triggered
Speed of Inspected Vehicle	<1–65 km/h, best ≤30 km/h
Effective Field View	170°
Image Resolution	≥2028 pixels CCD / ≥4096 pixels CCD
Data Transmission Cable Length	100 m (Customized)
Lighting Assembly	Four single-body sealed LED surface light sources
Under Vehicle Image Scanner	Adopt open, spacious and thorough image acquisition technology design
Weight Capacity	>50T
Scanner Weight	180 kg
Scanning Device Volume	1200 × 3500 × 210 mm
Structural Design	Design of monomer seal
Operating Temperature	-35°C to +60°C
System Power Supply	AC110–240V, 50–60Hz

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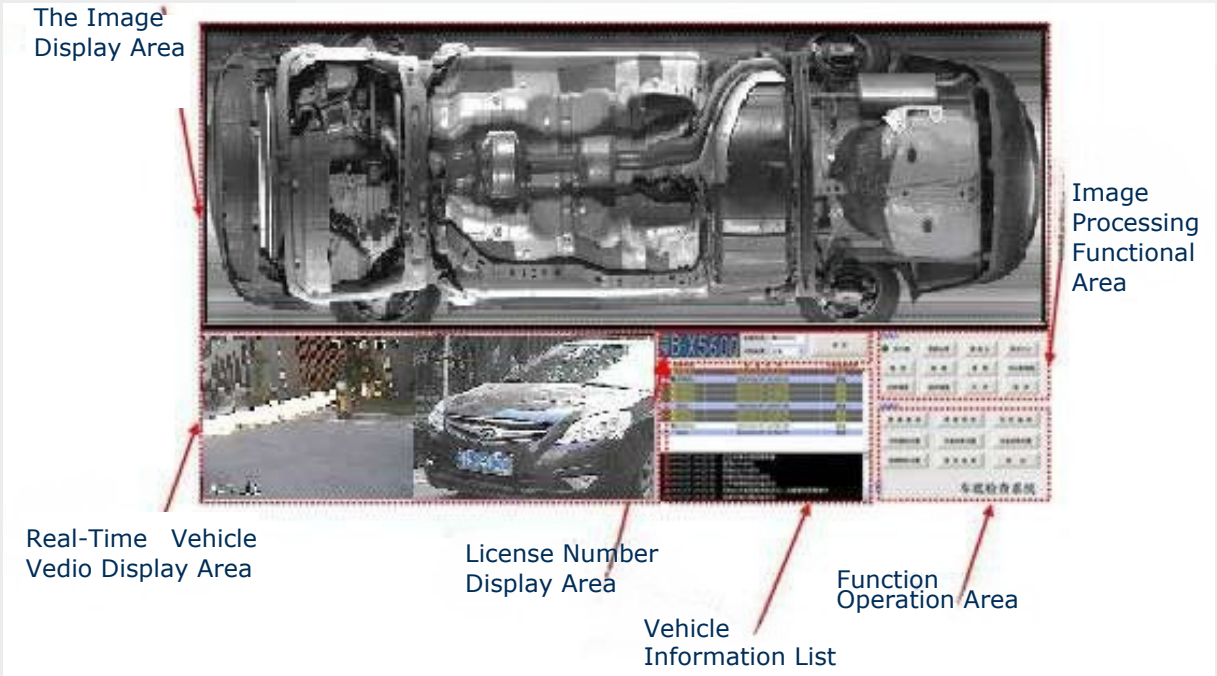
The Host Server and Display

SPECIFICATION	DETAILS
Monitor	22" LCD display
CPU	INTEL Core quad-core processors
Mainboard	Special Mainboard
Memory	DDR3, >4GB
Hard Disk	500G
Appearance	Stainless steel composite
Operating Voltage	AC220V 50/60Hz
Operating Current	3A
Graphics	DDR3, 192BIT independent graphics card
Operating Temperature	-35°C to 60°C

General Layout Software Specifications



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The Image Display Area:

The real-time display detected under vehicle image, and the image after the vehicle underbody history after image processing, you can use the mouse wheel to zoom in, zoom in and drag

Real-Time Vehicle Vedio Display Area:

The real-timedisplayofvideomonitoring, video capture license plate, save the video through the digital hard disk video recorder.

License Number Display Area:

Thedetection of vehicle license plate capture photos display and automatic identification results, click Modify button can be modified to identify the wrong number

Vehicle Information List:

All checked vehicle information of the day, including the license number, the date of the inspection, result of the under vehicle inspection.

Function Operation Area:

Image brightening, image darkening, full-screen,the real size, edge enhancement, super enhancement, open and save under vehicle image, image magnification, etc.

Image Processing Functional Area:

Used to set license plate recognition attributes, linear array camera parameters, DVR video properties, video playback and login equipment related parameters, as well as system language, real-time curves, historical data inquiries and other functions .

General Layout Product Show

Operation desk

Control cabinet

Under vehicle scanner

ANPR camera

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