

Product Model :

SG 3000

Portable Under Vehicle Surveillance System



- The Under vehicle Surveillance system is our product for vehicle bottom security surveillance , it is available for detecting contraband and Illegal 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

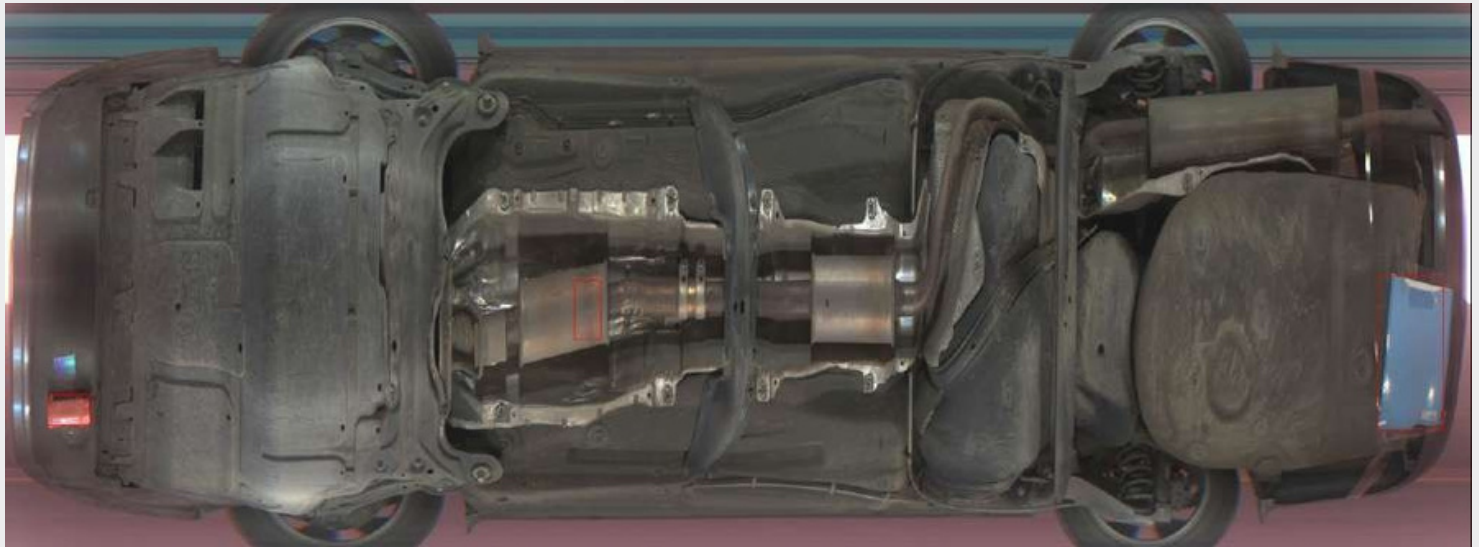
- It is used in the airport, prisons, customs and other government departments, and large public places' parking lot for the inspection of vehicles whether there are prohibited items.
- It is used to security check for large-scale activities, exhibition entrance and exit .
- It is used for security,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

■ Tehcnical Description System Software

FEATURE	DESCRIPTION
Imaging	Using the black and white/color wire array CCD scanning technology dynamic mode imaging
Scanning resolution	≥ 2048 wire CCD / ≥ 4096 wire CCD
Time of image saving or loading	<1s
Image display mode	horizontal display
Image storage format	BMP, JPEG
System interface language Display	Customized
resolution	Adapt to various display resolutions
Image data transmission interface	RJ45
Scene image display	21 way
Image resolution	12000 x 6144

■ Image Function

FEATURE	DESCRIPTION
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 remaining stationary 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 deleting 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 display adjustment for car or license plate images.



■ Tehcnical Description

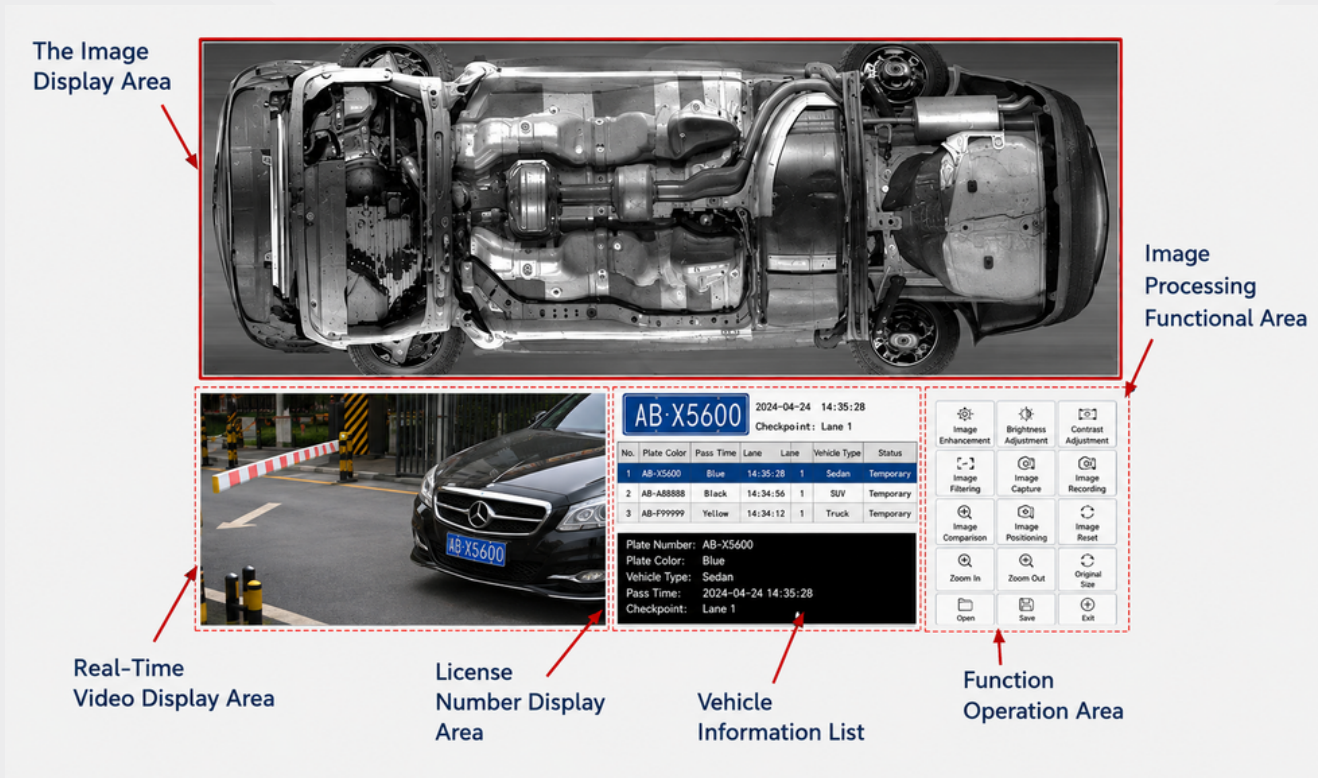
■ Under Vehicle Scanner,Control Equipment

■ Scanning mode	Full-automation
■ Max scanning rate	18KHz
■ The speed of inspected vehicle	<1-60km/h, best ≤30km/h
■ Effective field view	170°
■ Image resolution	≥2028 pixels CCD/ ≥4096 pixels CCD
■ Data trasmission cable length	10m (Customrized)
■ Auxiliary light	160W
■ lighting assembly	Two single body sealed LED surface light source
■ Under vehicle image scanner	≥1 way
■ Weight capacity	>30T
■ Water-proof grade	Ip68
■ Scanning device volume	450 x 400 x 88mm
■ Communication interface	Rj45
■ Storage temperature	-40° +75°
■ Operating temperature	-25°+ 60°
■ Operating voltage	110-240V AC,50-60Hz

■ Host Servers And Monitors

■ Monitor	22" LCD display
■ CPU	INTEL Core quad-core processors
■ Mainboard	Special Mainboard
■ Memory	DDR3, >2GB
■ Hard disk	500G
■ Appearance	Aluminum alloy composite material
■ Operating voltage	AC220V 50/60Hz
■ Operating current	3A
■ Graphics	DDR3,192BIT Independent graphics card
■ Data transmission cable length	10m

■ General Layout Software Specifications



- **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 Video Display Area:**

The real-time display of video monitoring, video capture license plate, save the video through the digital hard disk video recorder.

- **License Number Display Area:**

The detection 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 .