



## Under Vehicle Surveillance System

### TW3300

TW3300 is under vehicle surveillance system (UVSS) for under vehicle security check. It helps detect contraband and illegal rendition under the vehicle quickly. It is faster and more accurate than the traditional under-vehicle inspection mirror, greatly improved the speed and accuracy of the vehicle safety inspection, and saved time and manpower.

TW3300 is used at the entrance of the parking lot and important government buildings, road traffic checkpoints, customs, border inspection ports, and big event venues. The system is easy to move and install.



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## Product highlights

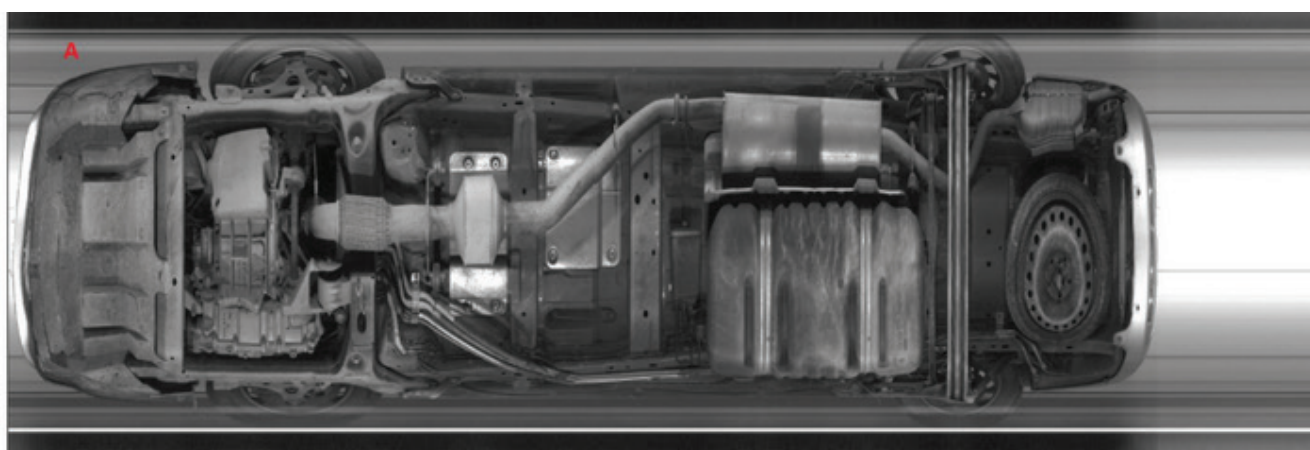
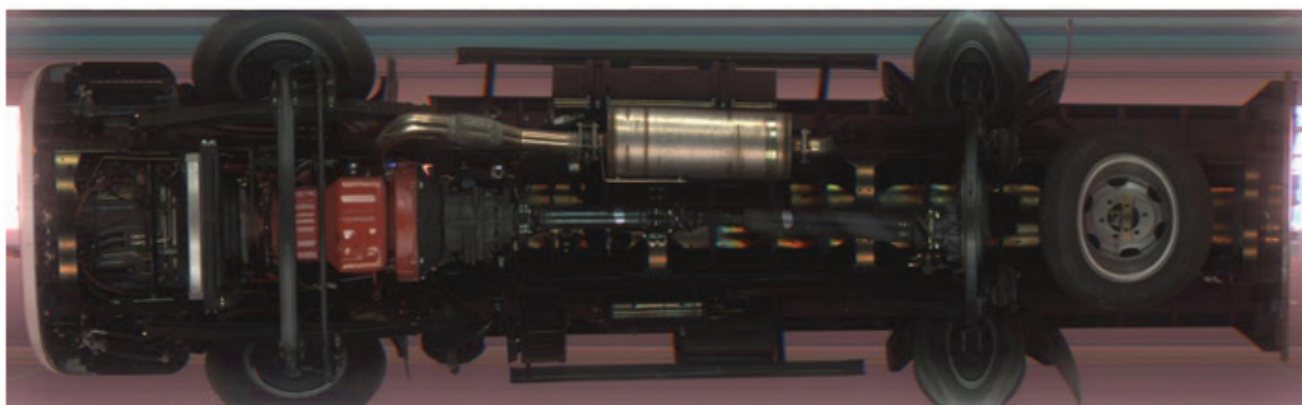
- Advanced linear CCD scanning technology
- High-resolution complete color image of under the vehicle
- Weatherproof scanning unit (IP68 the highest level)
- Anti-fog function
- Multilingual Graphical User Interface(GUI)
- Option: Automated License Plate Reader(ALPR)

## Specifications

General Specification	
Maximum scanning rate	18kHz
Vehicle speed	1-60 km/h, recommend < 30 km/h
View angle	170 degrees
Scanner data line	10 meters(length customizable)
Lighting	320W
Lighting components	4 single sealed LED surface light sources, life span 50000h
Load-bearing weight	50T
Waterproof grade	IP68 (the highest level)
Weight of the scanning device	180KG
Size of the scanning device	1200*350*210mm
Imaging system	
Technology	Linear array CCD scan technology & dynamic imaging of BW/color
Scanning resolution	≥ 2048 pixels CCD / ≥ 4096 pixels CCD
Imaging speed	Large-format horizontal display
Image display mode	Standard BMP or JPEG
Image storage format	Can be customized
System interface language	Network RJ45

Scene image display	≥ 1 channel
Image search	Retrieve the image by date, time, license plate number, and images.
Image resolution	12000 × 6144
Automatic scan	Display the image in 1s after the vehicle passes at a speed of 1-65km/h
Automatic image storage	Save no less than 10,000 pictures and delete the expired pictures automatically
Imaging function	Adjust saturation, contrast, balance and sharpening, zoom in and out (1-16), and local enlargement

### Scanned image



- Under vehicle image display area: real-time display of vehicles at the detected image, historical images, and bottom of the vehicle under body after treatment images.
- Real-time video display area: Real-time display the monitoring video, capturing vehicle plate video, and then they were saved by digital video surveillance DVR. (Customized is based on the actual usage scenarios.)
- License plate number information display area: Displaying the detected vehicle license plate capturing photos with automatic identification of the results. click [Modify] button can modify the number of recognition errors.
- Vehicle information list: Checking vehicle information in all day, including license plate number, the checking time, and vehicle surveillance results.
- Real-time logs information list: real-time display of the region need to run the process produces some log information to facilitate the use of personnel or maintenance personnel system view real-time operation of the system state.
- Image manipulation functional areas: the image to zoom; brighten, darken; edge enhancement, super-enhanced, contrast enhancement, magnifying glass, real size, most suitable, such as open and save image.
- Functional operating areas: Setting attributes of license plate recognition, associated parameters of line CCD camera, DVR video attributes, video playback and registry equipment, as well as the system language, real time curve, and historical data query functions.

#### Computer and other

Monitor	One 22-inch true color LCD monitor
Console	A console that can lock the display and keyboard
CPU	Intel Core Quad-Core Processor
RAM	DDR3, greater than 4GB
Disk	500G High-Speed Hard Disk
Graphics Card	DDR3, 192BIT Independent Graphics Card
Platform	Windows XP/ Windows 7

#### Operating Environment

Operating temperature	-25 ° C ~ 60 ° C
Storage temperature	-40 ° C ~ 75 ° C
Power supply	AC110-240V 50~60Hz ±3Hz

#### Packing size

1. 80\*75\*156cm
2. 70\*40\*120cm
3. 130\*45\*48cm

Total 1.55CBM 300kg



No.	Sub system	Qty	Hardware
1	Under vehicle scanning equipment	1 set	Camera
			Scanner frame
			Lighting system
			Vehicle sensor
2	Operation desk	1 set	System host
			22 inch monitor
			Console desk
3	Video monitoring	1 set	Camera
		1 set	Tripod
4	Control unit	1 set	Control cabinet
			Ventilation system
5	Under vehicle surveillance system software	1 set	
6	License plate number recognition system (Option)	1 set	

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**Disclaimer :** All pictures shown are for illustration purposes only. The actual product and color may vary due to product enhancement. The brief specification is mentioned and may change without prior notice. Please consult us before placing any order.

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