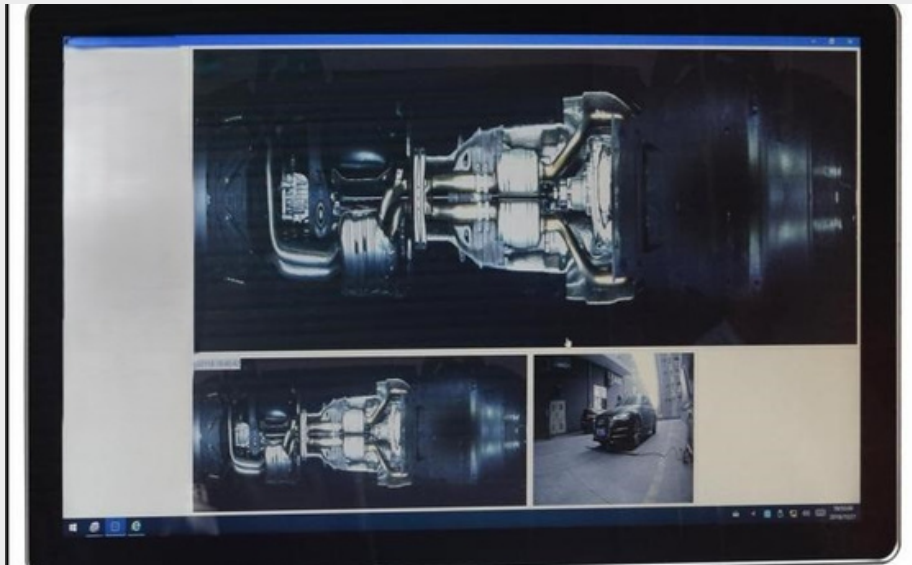


Product Model :

SG 601

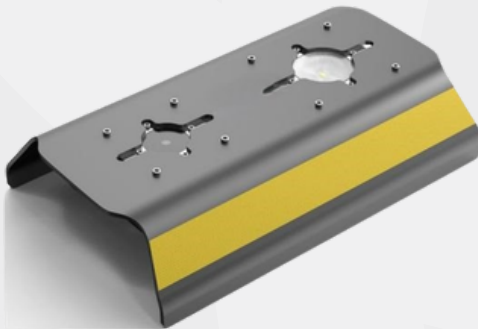
Portable Under Vehicle Scanning System



■ Scanning Imaging Sample



■ Flightcase & Cameras (Optional)



Car Plate Recognition Camera



Car Plate Recognition Camera (Optional)

■ Product Preview

Discover the cutting-edge in mobile security with our latest offering, #601-1STA, a lightweight and

Highly portable under-vehicle scanning system. Crafted from durable 6mm stainless steel panels, this system boasts a remarkable 1024-pixel resolution scan. Beyond its robust construction, what sets it apart is the competitive pricing, making advanced security solutions accessible. Whether for government, military, border control, or high-end establishments, our system ensures efficient and reliable under-vehicle inspection. Elevate your security standards with this state-of-the-art solution that combines durability, mobility, and affordability for a safer tomorrow.

Application

The system is widely applicable in various sectors, including government agencies, military, customs, border control, upscale hotels, toll booths, prisons, and critical factories. It is versatile and suitable for inspecting a diverse range of vehicle types, such as trucks, sedans, sports cars, buses, as well as extended vehicles like trains and subways.

System Management Software

The UVISS Management Software is a robust and user-friendly application designed to meet both basic and advanced requirements. In addition to conventional device management for regular users, it boasts several optional advanced intelligent features, including landing gear recognition, vehicle type identification, facial recognition, license plate recognition (NPK), and more.

1. Functions

Artificial Intelligence	Yes
Fast FOD Calculation (<=35s)	Yes
Car Plate Blacklist & Whitelist	Yes
Face Recognition	Yes
Face Blacklist and Whitelist	Yes
Real-time Detection	Yes
Multiple Devices Can Be Connected	Yes
No Limit on the Number of Logged in Users	Yes
User Group Management	Yes

2. Specification Parameters

Image Upload Time	< 1s
License Plate Recognition	Automatic
Space Control	Automatic
User Control	Manual
System Language	English, Russian, Persian, Thai, Turkish (customizable)
Black/White List Operation	Add/Edit/Delete
Black/White List Quantity	2000
Image Data Can Be Stored	Standard with 2000000 spokes, automatic image storage and deletion functions, and automatic deletion of expired images (customizable)
Range of Sensitivity	0-100
Image Display	Automatic adaptation; Inspection of image retrieval function
Image Retrieval Information	The image of car bottom and license plate can be retrieved by date, time, license plate number, etc.
Chassis Image Storage Format	Standard color BMP image format or JPEG
Car Bottom Image Data Transmission Interface	Standard network RJ45
Scene Image Display	More than 1 path
Image Quality Adjustment Function	Color images are automatically adjusted and can be enlarged and shrunk as required.
Automatic shooting of car bottom image	When the vehicle passes through the car bottom scanner at a speed of 0-60km/h, the system displays the image in 15 after the vehicle passes through.
Image display after stop	After the vehicle stops for a certain period of time in the image collection area of car bottom scanner, the car bottom image is displayed completely.

Under Vehicle Scanning System

Portable	Yes
Material	6mm thickness 304 SS with 0.3mm color spraying
Colorful area scanning	Yes
Scanning resolution	1024
Scanning speed	0-30km/h
Front-end intelligent integration	Direct generation of scan images
Scanning camera	Can only be started for the vehicle, which can resist external interference and improve the service life of the equipment.
Advanced intelligent camera	Used to encode the image taken.
Scanner data line	10 meters (customizable length)
Lighting components	Six groups of double sealed LED surface light source
Working voltage	DC24V
System power supply	AC110-240V / 50-60Hz
Weight	30 ±
Scanner size	L500mm * W295mm * H47mm
Scanner weight	14kg ±
Operating temperature range	-30 °C ~ + 65 °C
Protection grade	IP68
Standby power consumption	10W, peak value is 150W

License Plate Recognition System (Optional)

1 road license plate recognition module	Is standard, which can be expanded to 2 or more routes.
Camera brand	Dahua itc215-pu1b
Intelligent recognition	License plate recognition, body color recognition, logo recognition
Intelligent infrared	Support
Noise reduction	3D
Power supply	AC 100V ~ 240V
Power consumption	< 10 W; Protection grade: IP67
Working temperature	-30°C~70°C ; Working humidity: 10% ~ 90%

Face Recognition Camera (Optional)

Intelligent codec (h.265 ↔ h.264)	Yes
High performance CCD image sensor	High color reduction and high sensitivity
Polarization filter & lighting module	The built-in polarization filter and lighting module can clearly display the driver's face image

Operating conditions	In the temperature -30 °C to + 80 °C, humidity 10% ~ 90% conditions, suitable for complex work. Extremely wide operating temperature, IP67 level of protection, suitable for harsh outdoor working environment.
System Host Server and Display	
Display	23.6/27inch "Chimei - LED LCD display
CPU	1037 Industrial control motherboard, 1.8G dual core CPU, installed win10 system
Memory	DDR3/2G memory
Hard disk	32G high-speed solid state hard disk +1T mechanical
Appearance	Machine case: cold rolled steel cabinet, high-grade imported automobile baking paint, anti-magnetic, anti-rust, anti-static 
Intelligent Central Control Components	
Battery management system	Equipped with an internal battery, making the portable under-vehicle scanner truly portable.
Real-time display	Real-time display of battery level, providing easy monitoring of usage duration.
Auto power switch	In the event of a power outage and battery depletion, the system can automatically power on when electricity is restored, ensuring timely power supply and recharging for the next stable operation.
Compatibility	Compatibility with gate systems and rising bollards, offering a wide range of applications.
Exterior	Stainless steel casing, high-quality imported automotive paint for anti-magnetic, anti-rust, and anti-static properties.
Wireless network port WLAN/BLE	Yes
USB2.0*1 group	Yes
USB3.0*1 group	Yes
LAN networking	Yes
Air detection	Yes
High polymer synthetic explosion-proof box	Yes