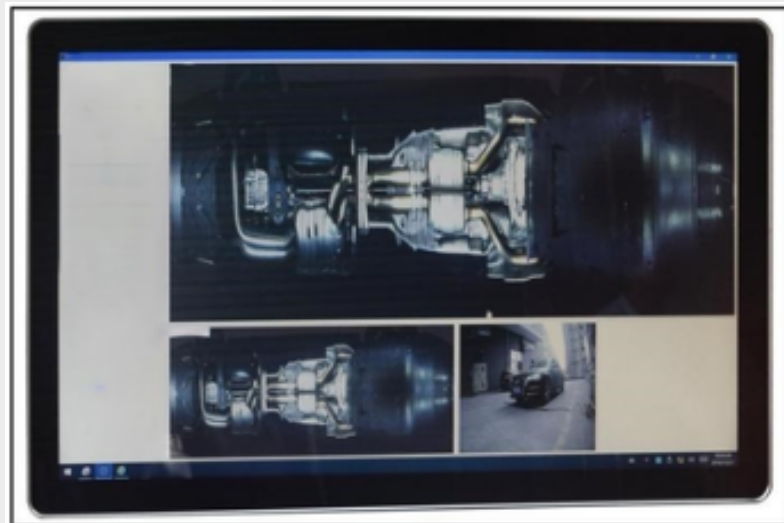


Product Model :

SG 2301

Portable Under Vehicle Scanning System



■ Scanning Imaging Sample



■ Flightcase & Cameras (Optional)



■ Product Preview

The Portable under vehicle scanning system is a product independently developed by Baotairan



Drugs Finding



FOD



Weapons Finding

(Shenzhen) Technology Group Co., Ltd., featuring a stylish and modern design. The under-vehicle inspection system incorporates an industry-leading high-frame-rate intelligent area scanning camera developed in-house. It provides real-time monitoring of the chassis of all passing vehicles, effectively preventing situations such as under-vehicle bombs, smuggling, drug concealment, escape tools hiding, illegal modifications, and oil leaks from the vehicle's undercarriage.

In addition to offering under-vehicle

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	5mm thickness 304 SS with 0.3mm color spraying
Colorful area scanning	Yes
Scanning Resolution	1024, (4096 optional)
Scanning speed	0-30km/h
Front-end intelligent integration	Direct generation of scan images
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	25kg ±
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	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)	Intelligent codec (H.265 ↔ H.264)
High Performance CCD Image Sensor	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.
Protection & Environment	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