

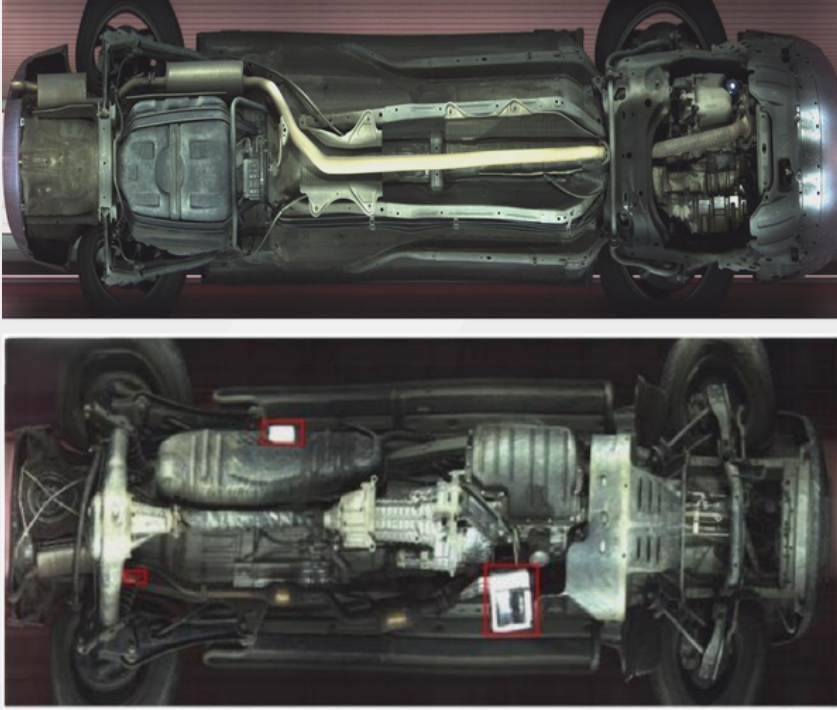
Product Model :

SG 2301

Fixed Under Vehicle Scanning System



■ Scanning Imaging Sample



■ Cameras (Optional)



■ Product Preview

#2301-2PRO, a robust and fixed subterranean vehicle scanning system designed exclusively by POLİMEK. Globally available, this cutting-edge model boasts a 5mm stainless steel panel construction, ensuring exceptional durability and reliability. Choose between 1024 or 4096 scanning pixels for unparalleled precision. With a sleek urban design, this system seamlessly combines aesthetics and functionality. Plus, its competitive pricing makes it an attractive and cost-effective solution. Embrace the future of advanced security and performance with the 2301-2PRO, setting new standards in the world of scanning technology. Elevate your infrastructure with POLİMEK's innovative and globally renowned expertise.



Drugs Finding



FOD

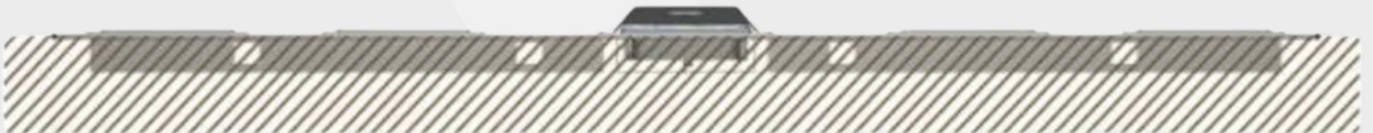


Weapons Finding

■ Installation Requirement

Embedded with just 6 cm thick underground, our model #2301-2PRO slashes construction and maintenance costs. Skip the extensive digging, save time, and cut down on capital investments. Redefine efficiency with a smarter, more economical approach that doesn't compromise quality. Choose the future of cost-effective infrastructure.

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Application

The system is widely applicable in various sectors, including government agencies, military, customs, border control, upscale hotels, toll booths, parking lots, 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
FOD sensitivity range	0-8%
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 0-30km/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.

The advanced intelligent camera is 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: 50 t

Scanner size: Meas.: L1236mm * W340mm * H108mm;

Scanner weight: 95kg;

Operating temperature range: - 30 °C ~ + 70 °C;

Protection grade: IP68;

Standby power consumption is 10W, peak value is 120W;

■ 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 code (H.265 +&+ H.264)

High performance CCD image sensor, high color reduction and high sensitivity

The built-in polarization filter and lighting module can clearly display the driver's face image

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; anti-magnetic, anti-rust, anti-static;

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,

Intelligent Central Control Components



Specification	Details
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.
Automatic Power Restoration	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.
System 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
USB2.0*1 Group	Yes
USB3.0*1 Group	Yes
LAN Networking	Yes
Air Detection	Yes
Explosion-proof Box	High polymer synthetic explosion-proof box