

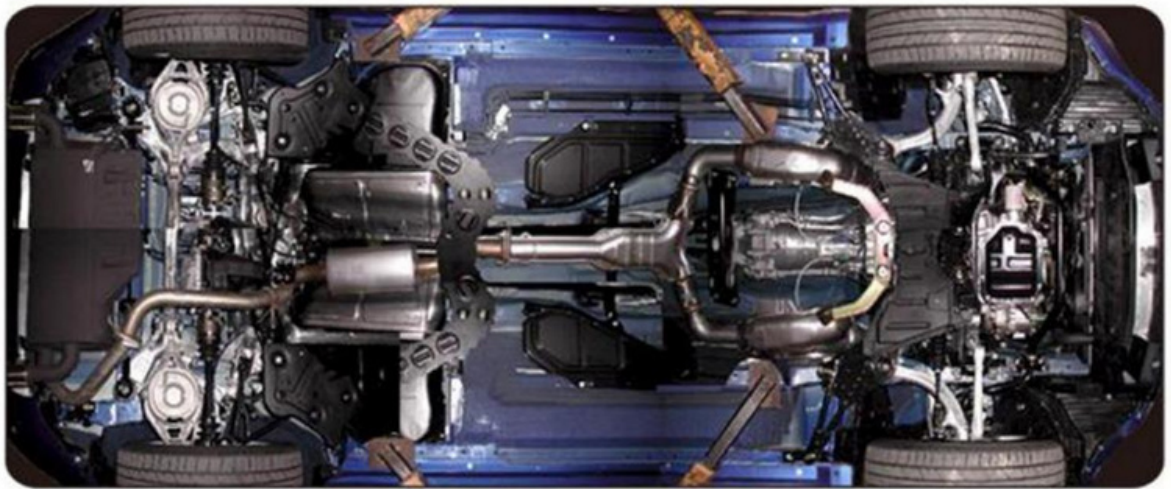
Product Model :

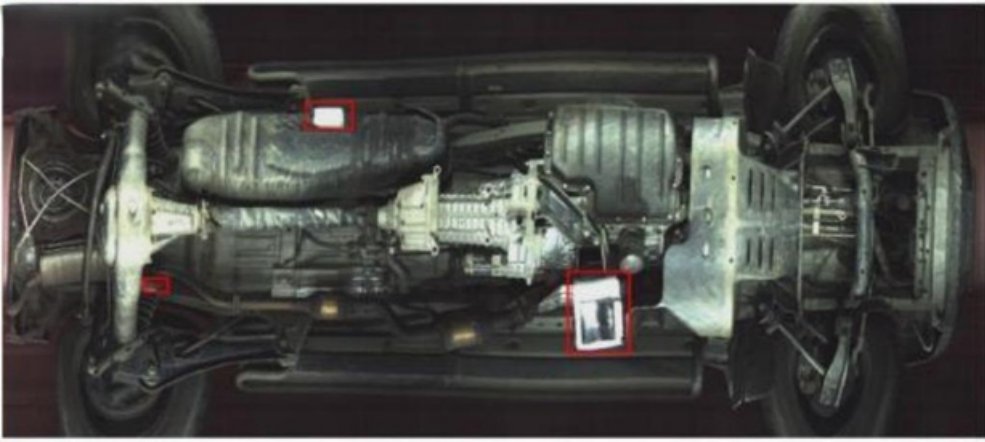
SG 601

Fixed Under Vehicle Scanning System

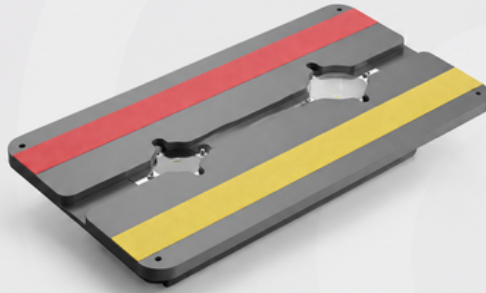


■ Scanning Imaging Sample





■ Flightcase & Camerasn(Optional)



Flightcases (optional)



Face Recognition Camera (Optional)



Car Plate Recognition Camera (Optional)

■ Product Preview

The model #601-2STA, is a compact yet powerful fixed under-vehicle scanning system from POLİMEK.



Drugs Finding



FOD

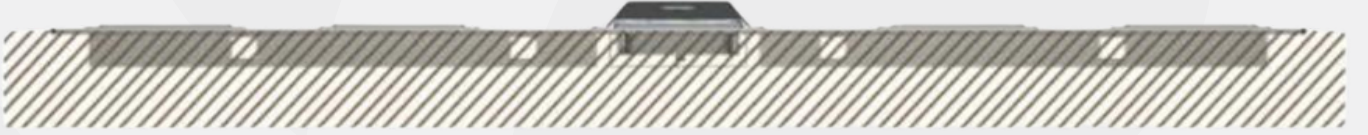


Weapons Finding

- This patented design redefines mobility in security solutions, providing a global offering for enhanced safety measures. Constructed with precision from 5mm stainless steel panels, it features a high-resolution 1024-pixel scan, ensuring thorough inspections. The urban-inspired aesthetics complement its functionality, making it a versatile choice for diverse settings. What sets it apart is not just its sleek design but also its competitive pricing, making cutting-edge security accessible worldwide. Elevate your security infrastructure with the 601-2STA, a blend of innovation, portability, and affordability. POLİMEK, Redefining Safety, Redefining Mobility.

■ Installation Requirement

Embedded with just 6 cm thick underground, our model #601-2STA 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.



■ 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.

- Car plate blacklist & whitelist;
- Face Recognition;
- Face blacklist and whitelist;
- Real-time detection;
- Multiple devices can be connected;
- No limit on the number of logged in users;
- User group management;

■ Installation Requirement

- 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 20000000 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:
- 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 1S after the vehicle passes through. 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.: L540mm * W310mm * H168mm;
- Scanner weight: 27kg;
- 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;
- 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;



■ System Host Server and Display

- Battery Management System, equipped with an internal battery, making the portable under-vehicle scanner truly portable.
- Real-time display of battery level, providing easy monitoring of usage duration.

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 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
- USB3.0*1 group
- LAN networking
- Air detection
- High polymer synthetic explosion-proof box