

Stationary Under Vehicle Inspection System

B2scan DD-S

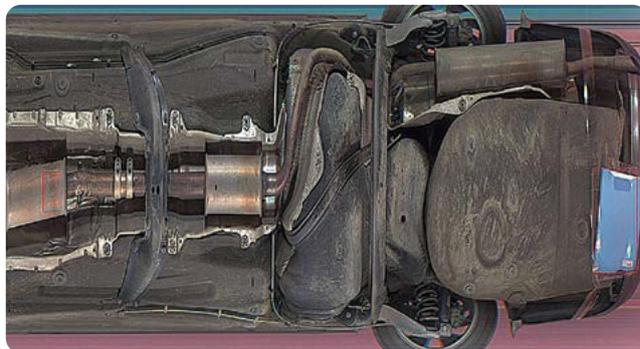
Stationary Under Vehicle Inspection System B2scan-DD-S designed to inspect the bottom of a wide range of vehicles. It allows to quickly and accurately identify hidden and prohibited to import and export items that can be hidden under the vehicles.

The under vehicle inspection system significantly reduces the time for conducting inspection procedures, saves human resources, built-in in the road surface and can be integrated into existing security systems.



Peculiarities

- Installation and mounting in the roadbed
- Lack of braking strip, providing greater comfort for the passengers of the inspected vehicle
- There are 4 high-power LEDs providing better lighting for large cars
- Automatic pneumatic system eliminates camera misting and provides its heating
- Innovative linear scanning camera for all vehicle types up to 27,000 frames per second
- Intelligent recognition system for vehicle registration numbers



- Identification of suspicious areas under the bottom of the vehicle
- Automatically save up to 100,000 images, and automatically delete outdated images
- Anti-fog system with bright LEDs, providing clear and complete image without any distortion
- Ability to scale, sort, select images by time and scan results
- Connection to PC, camera, turnstile (gate or barrier), collision avoidance system
- Permissible speed of a passing vehicle:
 - < 30 km/h with automatic license plate recognition system
 - < 70 km/h without automatic license plate recognition system
- Simultaneous scanning in two directions - oncoming and in the direction of travel
- After processing the received image, it is possible to open archive images and compare current and historical data
- Operator's workplace can be located in any comfortable place.



The equipment has passed compulsory and voluntary certification applicable on the Russian Federation territory. Technical parameters and complete set of goods are subject to change without notice.

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Technical parameters

Permissible load	Up to 50 tons
Effective field of view	180°
Image resolution	12000x6144 pixels
Width of the scanned object	< 4m
IP protection class	IP68
Weight of scanning device	180 kg
Scanning device dimensions	1200 x 350 x 210mm
Communication interface	RS232/RS422
Operating temperature	-25°C to +60°C
Storage temperature	-40°C to +75°C
Power supply	AC 110-242V, 50-60Hz
Led lighting	100W



Electrical cabinet



License plate
recognition camera



Scanning
module



Operator's
workplace