

RAPISCAN RXU

UNDERSIDE REFLEXION™

Drive-Over Inspection Of Vehicles from
Small Cars To Large Trucks

Detailed Underside Inspection

Effective Reflexion Imaging Technology

Safely And Automatically Scan Occupied Vehicles

The Rapiscan RXU Underside Reflexion cargo and vehicle inspection system provides a fast and efficient method for screening the underside of vehicles.

Designed to automatically inspect vehicles and cargo driving over the system, the Rapiscan RXU provides high quality Reflexion images with inherent material separation, allowing for the rapid identification of threat and contraband items; such as plastic explosives, drugs, tobacco, currency and people smuggling.

Providing fast, accurate and safe inspection of vehicles, the highly automated operation of Rapiscan's RXU Underside Reflexion system enables a continuous flow of vehicles to be inspected.

- The Rapiscan RXU Underside Reflexion is a drive-over vehicle inspection system that provides a fast, accurate and efficient method for screening the underside of vehicles. The ability to rapidly scan vehicles supports inspection at locations such as road junctions, border crossings and gateways to important buildings and infrastructure.
- The Rapiscan RXU Underside Reflexion system is designed to scan the underside of vehicles including the trunk, the tires, around the engine and under the floor on small vehicles. For large vehicles such as Trucks, the RXU scans around the engine, in the tires and fuel tank and underneath and between the chassis rails.
- The X-ray images are sent to a nearby inspection office or remote location for review and evaluation.
- The Rapiscan RXU Underside Reflexion System can be combined with Rapiscan's Eagle Transmission X-ray systems providing high quality transmission imaging used to scan through the vehicle and Reflexion imaging used to scan the underside of the vehicle.
- The Rapiscan RXU consists of the Reflexion unit itself and an adjacent equipment housing which includes electrical control cabinet, X-ray power supply and temperature control unit. IP66 Rated the RXU is designed for outdoor use in a wide operating environmental range and can be installed either with vehicle ramps or recessed down to road level for covert operation.
- Vehicles are inspected automatically as they are driven over the System. The vehicle does not need to move at a precise, constant speed because the speed of the vehicle near the scanner is measured by a speed sensor. The X-ray scanning rate is adjusted automatically according to the measured speed, to eliminate image distortion and minimize radiation output.
- Radiation safe, the system supplies a dose to drivers and passengers in vehicles under inspection and of any passer-by of no greater than 0.1 uSv/scan. Pedestrians and bicycles will not be scanned.

www.rapiscansystems.com

Rapiscan RXU Underside Reflexion cargo and vehicle inspection model:

Rapiscan RXU Underside Reflexion – Stand-alone 200kVp Underside Reflexion X-ray imaging system

Rapiscan RXU Underside Reflexion is not available for sale or distribution in the United States of America



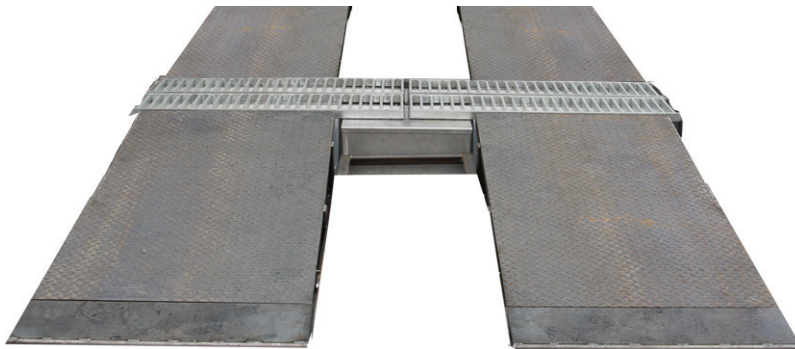
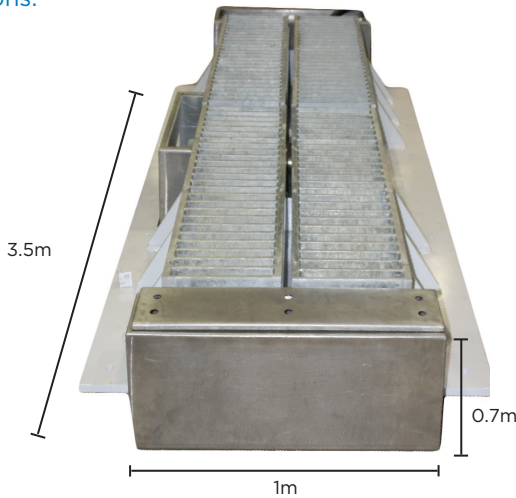
The Reflexion logo features a stylized blue wave graphic above the word "Reflexion" in a bold, black, sans-serif font.



The Rapiscan systems logo features the word "Rapiscan" in a large, bold, blue, sans-serif font, with "systems" in a smaller, blue, sans-serif font below it. A registered trademark symbol (®) is located to the upper right of "systems". Below the logo, the text "An OSI Systems Company" is written in a smaller, black, sans-serif font.

RAPISCAN RXU UNDERSIDE REFLEXION

Dimensions:



- Rapiscan RXU Underside Reflexion System can be used as a stand-alone underside inspection system, installed flush with the road surface for covert operation, or with associated vehicle ramps for overt operation

X-Ray Generator and Image Performance*

Reflexion energy	200kVp
Steel Penetration	4 mm
Spatial Resolution	9 - 12 mm

* Performance specifications dependant upon vehicle drive over speeds 8km/h nominal

Superior Quality, Comprehensive Standard Features and Flexible Options - Included with Every Rapiscan Eagle Cargo and Vehicle Inspection System.

Our commitment to value and innovation make Rapiscan the first choice in cargo and vehicle inspection solutions. Rapiscan Systems is a global leader in high quality inspection solutions and advanced threat identification techniques. Security is our only concern, and we focus on developing customer-centric solutions that are future-proof and cost effective. All Rapiscan products are backed by a 24 x 7 worldwide training, maintenance and service organization.

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With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice. Product pictures are for general reference. Please note that due to US laws and regulations, not all Rapiscan products are available for sale in all countries without restriction. Please contact your Rapiscan Systems sales representative for more information.

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ONE COMPANY - TOTAL SECURITY



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Rapiscan Systems is
ISO 9001:2008 Certified

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