RAPISCAN EAGLE P25

DRIVE-THROUGH CARGO & VEHICLE INSPECTION SYSTEM

KEY FEATURES AND BENEFITS

- Reliable 2.5 MeV X-ray imaging system
- Innovative system meets international radiation safety standards
- Small system footprint eases installation and operation

The Rapiscan Eagle® P25 is a medium-energy, drive-through portal for cargo and vehicle inspection, helping operators uncover trade fraud and smuggling at high-threat facilities, ports, and border crossings.

The Eagle P25 is ideal for heavy-traffic locations that require thorough, high-throughput inspection, and applications where full vehicle scanning is required. While operating in optional CabScan® mode, the system scans at a low dose that is safe for occupied vehicles, allowing for rapid scanning of buses and passenger vehicles. The system's high quality X-ray images and our Cargo Viewer software provide an effective and efficient screening solution that reduces the need for subsequent manual inspection.

SPECIFICATIONS
EAGLE P25

PERFORMANCE

- **Steel Penetration:** 235 mm
- **Wire Resolution:** 1 mm
- **Spatial Resolution:** 10 mm H / 5 mm V

OPERATING FEATURES

- **X-ray Source:** 2.5 MeV
- **Crew:** Scan coordinator and image analyst
- **Scan Modes:** Medium-energy cargo inspection and optional CabScan
- **Scan Direction:** Single
- **Scanning Speed:** 3–8 km/hr
- **Power Requirements:** 50 Hz: 415 V, 63 A

SYSTEM DIMENSIONS AND SPECIFICATIONS

Overall Dimensions

- **Width:** 6.8 m (22 ft 4 in)
- **Height:** 5.6 m (18 ft 4 in)
- **Depth:** 3.6 m (11 ft 10 in)

Maximum Vehicle Dimensions

- **Width:** 2.8 m (9 ft 2 in)
- **Height:** 4.6 m (15 ft 1 in)

ENVIRONMENT

- **Operating Temperature:** -20° C to 40° C (-4° F to 104° F)

HEALTH AND SAFETY

- **Radiation Exclusion Zone:** 36 m x 40 m (118 ft x 131 ft 3 in)
- **Shielded Radiation Exclusion Zone:** 36 m x 12 m (118 ft x 39 ft 4 in)
- **Radiation Dose at Exclusion Zone Boundary:** 0.5 μSv in any one hour
- **Radiation Dose to Driver:** Less than 0.25 μSv per scan

SYSTEM OPTIONS

- **CabScan® Mode:** Safely scans the cab of the truck, from front bumper to start of cargo
- **Integrated Peripheral Devices:** License/ number plate recognition system, container code recognition system, and manifest scanner
- **Extreme Cold Weather Package:** Extends the system operating temperature to -40° C
- **Extreme Hot Weather Package:** Extends the system operating temperature to +55° C with canopy

The performance characteristics and photos in this document are indicative and for information only and specifications may vary depending on scan speeds, options and other factors; the specific characteristics of individual systems may differ based upon customer requirements, operation, and supplied options. In addition, due to continual development of Rapiscan Systems and AS&E products, we reserve the right to amend specifications without notice. Please note that due to U.S. laws and regulations, not all products are available for sale in all countries without restriction. Please contact your Rapiscan | AS&E Cargo Scanning & Solutions sales representative for more information or to discuss additional requirements.

Rapiscan | AS&E — Part of the OSI Systems family of security companies. We deliver products and services that help our customers find threats and contraband with ease and confidence, while maximizing operational efficiency. Our global service network enables us to respond to customer needs quickly and provide exceptional support, because we know that every moment of uptime is critical. We understand the importance of our customers' missions—from uncovering trade fraud, to combating terrorism, to detecting drug and weapons smuggling, to exposing illegal immigration. That's why it's our mission to help them succeed.

Rapiscan® systems | AS&E®

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