



## EAGLE T25 AS&E

TRAILER-MOUNTED, DRIVE-THROUGH  
INSPECTION SYSTEM

- ▶ ROBUST INSPECTION SYSTEM BUILT ON A RUGGED TRAILER PLATFORM
- ▶ HIGH-THROUGHPUT SCREENING OF UP TO 60 TRUCKS PER HOUR
- ▶ DEPLOYED IN MINUTES FOR FAST RESPONSE TO CHANGING OPERATIONAL REQUIREMENTS

The fully self-contained unit can be easily towed and rapidly deployed. The system offers portal mode operation with automatic cab exclusion or CabScan® mode to image the entire vehicle.

Vehicles are scanned as they drive through the tunnel at 3-8 km/hr (2-5 mph).

The Eagle T25 scans vehicles up to 4.6 meters in height and 2.8 meters in width without corner cutoff.

The system is built on a commercially available, heavy-duty, solid-frame trailer chassis with 2 rear axles.

For added personnel safety, the Eagle T25 can be operated from 100 meters away from the system with armored Ethernet cable or, optionally, up to 300 meters away using armored fiber optic cable.

### HEALTH AND SAFETY

- **Open radiation exclusion zone (60 trucks per hour)**  
25 m x 36 m
- **Radiation dose at exclusion zone boundary**  
0.5  $\mu$ Sv in any one hour
- **Radiation dose to driver**  
Less than 0.25  $\mu$ Sv per scan
- **Radiation dose to crew**  
0.5  $\mu$ Sv in any one hour
- **Radiation dose to cargo**  
Less than 0.5  $\mu$ Sv per scan



THE RAPISCAN EAGLE® T25 IS A TRAILER-MOUNTED, DRIVE-THROUGH INSPECTION SYSTEM WITH MATERIAL DISCRIMINATION FOR EFFICIENT SCREENING OF CARGO FOR THREATS AND CONTRABAND.



Rapiscan Eagle T25 X-ray image



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### TYPICAL PERFORMANCE

Steel penetration	190 mm
Wire resolution	1 mm

### OPERATING FEATURES

X-ray source	2.5 MeV
Crew	One inspector
Scan modes	Portal drive-through mode only; start of cargo to rear bumper or CabScan mode
Scan direction	One direction from rear
Scanning speed	3-8 km/hr
System throughput	Up to 60 trucks per hour
Set-up time	30 min in standard operating environment
Shore power requirements (option)	50 Hz: 400 V, 63 A, 44 kVA

### STOWED DIMENSIONS

Length	7.3 m
Width	2.6 m
Height	3 m

### DEPLOYED DIMENSIONS

Length	7.5 m
Width	7.3 m
Height	5.9 m

### MAXIMUM SCANNED OBJECT DIMENSIONS

Width	2.8 m
Height	4.6 m
Minimum scan height	0.4 m from ground

### ENVIRONMENT

Operating temperature	-10° C to 40° C
Maximum wind speed	40 km/h



### SYSTEM OPTIONS

- **Extended remote operation** : for operation up to 300 m away from the system using armored fiber optic cable
- **Integrated peripheral devices** : license/number plate recognition system and container code recognition system
- **Extreme cold weather package** : extends the system operating temperature to -30° C
- **Extreme hot weather package** : extends the system operating temperature to +50° C

### HTDS

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