

4535DVS X-RAY INSPECTION

Explosives, Weapons and Contraband



SINGLE SOURCE, MULTI-ENERGY

X-RAY INSPECTION



Lighter and shorter than our best-selling full-size scanner, the 4535DVS packs all the speed, power and detection capability of our flagship multi-energy models into a sub-compact design. Sized for inspecting mail, hand carried objects, personal items, clothing and shoes, the 4535DVS meets the throughput demands of high-traffic settings. An intuitive operator interface makes this unit suitable for both security professionals and non-technical personnel.

- > The performance and features of larger, heavier systems in a compact cabinet design
- > Fits through narrow doorways and in standard elevators
- > Easy to use operator interface
- > Full suite of image enhancement tools

APPLICATIONS:

- > Mail Screening
- > Executive Offices
- > Private Security
- > VIP and Diplomatic Security
- > High-risk Event Security

4535DVS SPECIFICATIONS

X-RAY INSPECTION

PHYSICAL DETAILS

Tunnel Size:	47.0 x 35.0 cm 18.5 x 13.8 in. (W x H)
Overall Dimensions:	134.6 x 68.0 x 111.0 cm 53.0 x 26.8 x 43.7 in. (L x W x H)
Weight:	273 kg (602 lbs.) Net weight 315 kg (694 lbs.) Shipping weight
Construction:	Robust heavy gauge, epoxy-painted, steel frame construction. Stainless steel and aluminum trim and accessories. Non-marking casters.
Temperature:	Operating: 0° to 40° C (32° to 104° F) Storage: -20° to 60° C (-4° to 140° F)
Humidity:	20%-95%, non-condensing
System Power:	100/115/230 VAC +/- 10% 60/50 Hz 0.7 kVA max

X-RAY GENERATOR

X-ray Tube Head:	Self-contained with sealed oil bath cooling
High Voltage Rating:	100 kV, operating at 90 kV
Duty Cycle:	100%
Beam Orientation:	Diagonal (80° beam divergence)
Dose per Exam:	<0.1mR; <i>May be higher or lower due to differing combinations of kV level & X-ray beam configuration</i>
Radiation Leakage:	<0.5mR/hr (<5.0µSv/hr); <0.1mR/hr (<1.0µSv/hr) available

INSPECTION CAPABILITIES

Material (steel) Penetration:	10 mm guaranteed (11 mm typical)
Contrast Sensitivity:	Over 2 million color tones standard
Resolution (wire):	38 AWG guaranteed (40 AWG typical)
Conveyor Speed:	24.0 cm (9.4 in.) per second 14.6 m (48 ft.) per minute
Pulling Weight:	165 kg (364 lbs.)
Film Safety:	Guaranteed for high-speed film up to ISO 1600 (33 DIN)

DETECTORS

High-speed, ultra-sensitive photodiode detector array;
L-shaped for 100% package screening

VIDEO

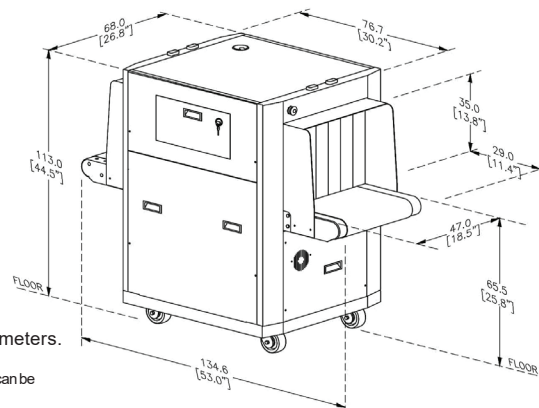
22" Color LCD monitor, 1920x1080 video card

STANDARD FEATURES

- autoCal
- autoDensAlert
- autoImage recall (10 images)
- autoOutline
- autoScale
- autoSeasoning
- autoSensing
- autoSoft (LINUX) operating system
- autoTracking guided conveyor belt
- 128x Smart Zoom
- Bag jam / incomplete scan detector
- Dark and light enhance
- Diagnostics data download
- D-SCAN
- Easy to use, customizable operator control panel with trackpad gestures
- High/Low Density Enhance
- Interactive help screens
- Invert Image
- Language translations
- Multi-energy color imaging for material discrimination
- Organic / Inorganic highlight
- RealClear
- Real-Time Diagnostics
- Reversible conveyor direction
- Save screen to USB
- USB OCP Folding Shelf
- Z-SCAN

OPTIONS

- autoMatAlert, autoNarcAlert
- autoArchive
- Built-in training
- CE/CSA/US safety/EMC certification *
- Console desk
- Conveyor Extensions
- Dual monitors
- DVD drive
- Footpad
- Image Archiving (up to 500K images)
- Image export in BMP & JPG
- Inspection station
- Item counter
- kV, mA meter
- Larger monitors: 24 "+
- Laser printer
- Lighted E-stops
- Loading or exit rollerbeds
- Locking OCP and monitor covers
- Networking:
 - autoNet Live View
 - Remote Diagnostics
 - Remote Image Review
 - Remote Management
 - SNMP fault reporting , HTTP API
- Optical X-ray on/off sensor
- Remote operation
- Sharp Scroll
- Threat Image Projection (TIP)
- Tropical humidity kit
- Tunnel extensions
- Uninterruptible power supply
- User management
- Variable height OCP mount
- X-ray image viewer software



Note: Non-marking casters.

Dimensions are in inches and centimeters.

*CE/CSA/US safety/EMC are options. Machines can be built to those specifications upon request.



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500M0017 - Spec. Sheet 4535DVS - Rev. G - 01.24.2024