

XIS-6545DVS™

PRODUCT HIGHLIGHTS

Artificial Intelligence (AI)

Dual 180kV Generators

Enhanced Imaging™ (EI)

Windows® Operating System
with Intel® Core™ Processor

Modular Design



PRODUCT DESCRIPTION

The XIS-6545DVS™ is an advanced modular designed X-ray Inspection System (XIS) with more power than any competing scanner in its tunnel size. The ultimate in power and convenience, the XIS-6545DVS™ features dual 180kV generators including a side-mounted X-ray generator that can be disassembled and quickly reassembled on-site for simplified installation in confined spaces.

ABOUT ASTROPHYSICS

Since 2002, Astrophysics has led the industry in research and development, creating integrated solutions to advance the critical security missions of our customers and partners. Headquartered outside of Los Angeles, CA in the USA, Astrophysics has over 35,000 systems deployed in more than 150 countries, safeguarding critical infrastructure, aviation, and ports and border sites worldwide.

XIS-6545DVS™

GENERAL SPECIFICATIONS

Tunnel Size:	65.0 cm x 45.1 cm (WxH)
Dimensions: ¹ (LxWxH)	204.0 cm x 128.2 cm x 135.0 cm 80.3" x 50.5" x 53.1"
Shipping Dimensions: ¹ (LxWxH)	228.6 cm x 139.7 cm x 165.1 cm 90.0" x 55.0" x 65.0"
Net Weight: ¹	771 kg (1700 lbs)
Shipping Weight: ¹	1100 kg (2425 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Height:	71.9 cm (28.3") from Floor
Conveyor Capacity:	165 kg (364 lbs) Evenly Distributed Load

X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	Dual 180kV, Operating at 165kV
Tube Current:	Dual 1.2 mA
Wire Resolution:	41 AWG Typical, 40 AWG Standard
Steel Penetration: ²	41 mm Typical, 39 mm Standard
Cooling:	Sealed Di-Electric Oil Bath with Forced Air
Duty Cycle:	100%, No Warm-Up Procedure Required
Beam Direction:	Diagonally Upward and Sideward

COMPUTER & VIDEO

Platform:	Windows® 10 OS
Memory:	8 GM RAM
Storage Capacity:	256 GB SSD
Display Type:	Dual 21.5" Flat Panel Monitors
Display Resolution:	1920 x 1080

ENVIRONMENTAL

Operating Temperature:	0°C to 40°C / 32°F to 104°F
Storage Temperature:	-20°C to 60°C / -4°F to 140°F
Humidity:	Up To 95% Non-Condensing

ELECTRICAL

System Power:	110 VAC +/- 10% 50/60Hz, 20 Amp Max 220VAC +/- 10% 50/60Hz, 15 Amp Max
Power Conditioner:	Automatic Voltage Regulator (AVR), 600VA

HEALTH & SAFETY

Compliant with USFDA Center for Devices and Radiation Health Standards for Cabinet X-ray Systems (21-CFR 1020.40)
Typical Radiation leakage is less than 0.1 mR/hr
(Leakage less than 0.5 mR/hr permitted by U.S. Federal Standards)

ISO 9001 & ISO 14001 CERTIFIED



¹Weight and dimensions of the system may vary depending on customization.

²As tested on Astrophysics Inc. Test Piece.

³Optional Features may affect lead time, price, and weight of product. Please contact your Astrophysics Sales Representative for more information.

Due to continued product development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.
Contact sales@astrophysicsinc.com for the most updated brochures.

FEATURES

STANDARD

3 & 6 Color Imaging
Black & White Imaging
Enhanced Imaging™ (EI)
High Penetration Function
Organic/Inorganic Imaging
Pseudo Color
Reverse Monochrome

Atomic Z-Number Measurement
Distortion Correction
Geometric Image
Material Discrimination
Picture Perfect
Real-Time Image Manipulation

Auto Image Archiving
Image Review
Save Image (RGB)

Baggage Counter
Multi-Tier Accessibility
Network Ready
Real-Time Self Diagnostics

Image Annotation
JPEG Conversion
Print Image Capable

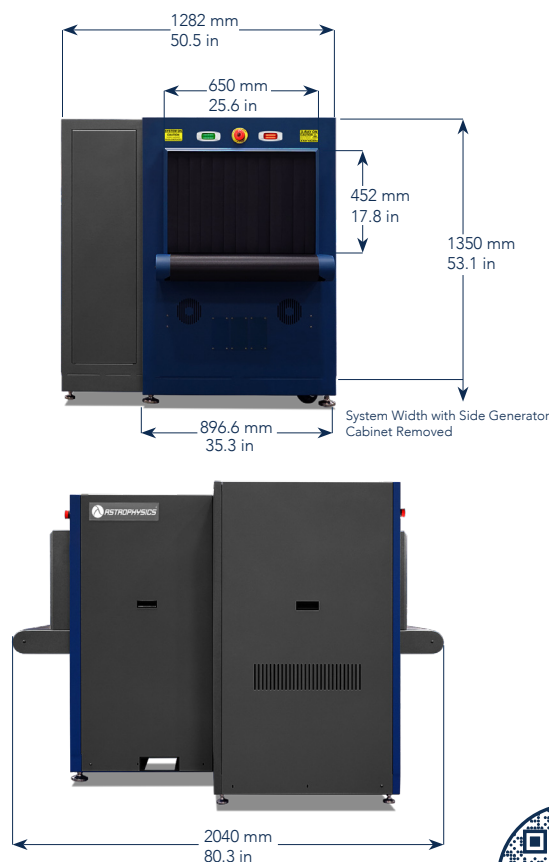
9 Quadrant Zoom
Continuous Scanning
Continuous Zoom Up to 64x
Vertical Zoom Panning

OPTIONAL

Barcode Scanning
Density Alert
Local Language
Artificial Intelligence (AI)
Screener Assist Software
Test Case
Threat Image Projection (TIP) Software

Conveyor Capacity Load Increase
External USB Ports
Variable Conveyor Speed

Dual 24" Flat Panel Monitors
Custom Paint
Environmental Kit
Entry/Exit Roller Tables
Footmat Operator Interlock
Mobility Kit
Roller Bed
Radiation Meter
Remote Workstation Configuration
Sloped Conveyor



CHECKPOINT

DCO#2990 P/N 50-00-PB68-00 Rev. F

Astrophysics HQ
+1.909.598.5488

Astrophysics – EMEA
+961.9.832.500

Astrophysics – INDIA
+91.11.41709990

Astrophysics – ASIA
+63.2.812.0033

sales@astrophysicsinc.com | www.astrophysicsinc.com | service@astrophysicsinc.com