

# XIS-7858DVS™

## PRODUCT HIGHLIGHTS

Dual View X-Ray Generators

Enhanced Imaging™ (EI)

Enhanced Material Discrimination

High Resolution Image

Real-Time Diagnostics



## PRODUCT DESCRIPTION

The XIS-7858DVS™ is a dual view X-Ray Inspection System (XIS) designed to provide maximum object screening with a minimized system profile to accommodate screening facilities with limited space. The XIS-7858DVS™ features dual 180kV generators including a unique 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-7858DVS™

## GENERAL SPECIFICATIONS

Tunnel Size: (WxH)	77.7 cm x 57.9 cm 30.6" x 22.8"
Dimensions: <sup>1</sup> (LxWxH)	259.7 cm x 134.6 cm x 147.3 cm 102.2" x 53.0" x 58.0"
Shipping Dimensions: <sup>1</sup> (LxWxH)	297.2 cm x 149.9 cm x 223.5 cm 117.0" x 59.0" x 88.0"
Net Weight: <sup>1</sup>	1200 kg (2646 lbs)
Shipping Weight: <sup>1</sup>	1500 kg (3307 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Height:	73 cm (28.7") 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:	40 AWG Typical, 38 AWG Standard
Steel Penetration: <sup>2</sup>	39 mm Typical, 37 mm Standard
Cooling:	Sealed Di-Electric Oil Bath with Forced Air
Duty Cycle:	100%, No Warm-Up Procedure Required
Beam Direction:	Diagonally Upward, Horizontally 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 220 VAC +/- 10% 50/60Hz, 15 Amp Max
Power Conditioner:	Uninterruptible Power Supply (UPS) (Computer Operation)

## 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



<sup>1</sup>Weight and dimensions of the system may vary depending on customization.

<sup>2</sup>As tested on Astrophysics Inc. Test Piece.

<sup>3</sup>Optional 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](mailto:sales@astrophysicsinc.com) for the most updated brochures.

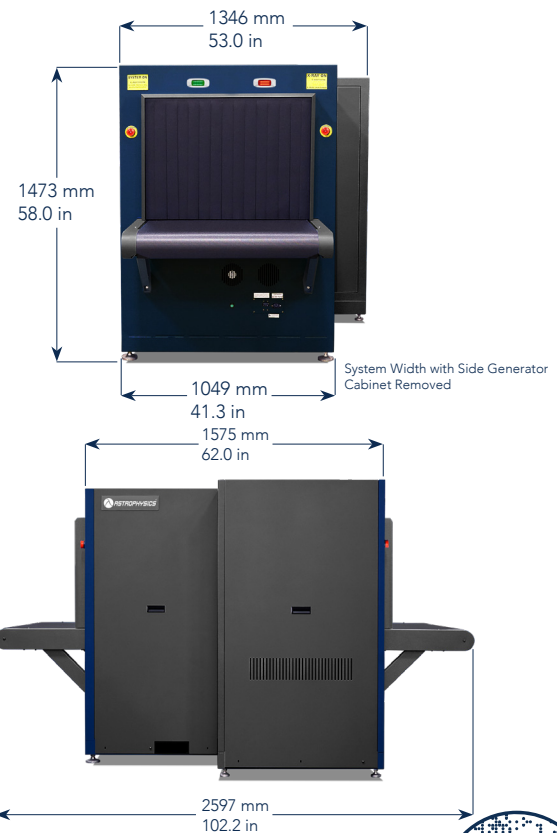
## FEATURES

### 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
- Geometric Image Distortion Correction
- Material Discrimination
- Real-Time Image Manipulation
- Auto Image Archiving
- Image Review
- Save Image (RGB)
- Baggage Counter
- Image Annotation
- JPEG Conversion
- Print Image Capable
- Multi-Tier Accessibility
- Network Ready
- Real-Time Self Diagnostics
- 9 Quadrant Zoom
- Continuous Scanning
- Continuous Zoom Up to 64x
- Vertical Zoom Panning

### OPTIONAL

- Density Alert
- Local Language
- Safe Passage® Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) Software
- Dual 24" Flat Panel Monitors
- Custom Paint
- Entry/Exit Roller Tables
- Environmental Kit
- Footmat Operator Interlock
- Long Conveyor
- Roller Bed
- Radiation Meter
- Remote Workstation Configuration
- External USB Ports
- Conveyor Capacity Load Increase
- Variable Conveyor Speed



CHECKPOINT

DCOH#2990 P/N 50-00-PB69-00 Rev. G

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