

# XIS-MINIVAN™

## PRODUCT HIGHLIGHTS

Mobile Screening with Comfortable Cabin Environment

Windows Operating System with Intel® Core™ Processor

Independent Backup Generator for Scanning

Rapid Automatic Deployment

Real-Time Diagnostics



## PRODUCT DESCRIPTION

The XIS-MINIVAN™ is a mobile x-ray system that puts the scanning capability of our XIS-100XDX™ on the move. It features a climate-controlled cabin, power steering, hydraulic disc brakes, backup generator, and exterior lighting for night operations. The XIS-MINIVAN™ can operate even in rough environments, providing a ready security solution wherever necessary at a moments notice.

## 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 40,000 systems deployed in more than 150 countries, safeguarding critical infrastructure, aviation, and ports and border sites worldwide.

# XIS-MINIVAN™

## GENERAL SPECIFICATIONS

### VEHICLE

Wheel Base:	432.5 cm
(L)	170.3"
Vehicle Dimensions:	693.9 cm x 202.9 cm x 273.1 cm
(LxWxH)	273.2" x 79.9" x 107.5"
Net Weight: <sup>1</sup>	3402 kg (7500 lbs)
Model:	Custom Dual-Doors Mercedes Benz Sprinter 3500 High

### SYSTEM – XIS-1080D™

Tunnel Size:	101.6 cm x 80.0 cm
(WxH)	40.0" x 31.5"
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Capacity:	220 kg (485 lbs) Evenly Distributed Load

## X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	180kV, Operating at 165kV
Tube Current:	1.2 mA
Wire Resolution: <sup>2</sup>	40 AWG Typical, 38 AWG Standard
Steel Penetration: <sup>2</sup>	37 mm Typical, 35 mm Standard
Cooling:	Sealed Di-Electric Oil Bath with Forced Air
Duty Cycle:	100%, No Warm-Up Procedure Required
Beam Direction:	Vertically Downward

## COMPUTER & VIDEO

Platform:	Windows® 10 OS
Display Type:	Dual 24" Flat Panel Monitors
Display Resolution:	1920 x 1200
Memory:	8 GB RAM
Storage Capacity:	256 GB SSD

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

## 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)

## FEATURES

### MERCEDES BENS SPRINTER AND FORD TRANSIT

#### STANDARD

Sliding doors  
AC & heater  
Generator (diesel or gas)  
One operator stool  
One bench for two people  
Interior lights  
Scene lights  
Dual monitors  
AOCP  
Storages  
Rear steps  
Shore power  
Fuel gauge

#### OPTIONAL

Inside and outside camera  
Telescoping lights  
Intercom system  
CCTV  
Awning (manual and electrical)  
1 m roller tables  
Smoke detectors  
Unidirectional film  
Temperature and humidity measurement equipment  
High friction belt

## FEATURES

### SYSTEM – XIS-1080D™

#### STANDARD

3 & 6 Color Imaging  
Black & White Imaging  
High Penetration Function  
Enhanced Imaging™  
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

Artificial Intelligence (AI)  
Barcode Scanning  
Density Alert  
Local Language  
Safe Passage® Computer Based Training  
Screener Assist Software  
Test Case  
Threat Image Projection (TIP) Software

Central Management System  
Integration  
Multiplexing

Conveyor Capacity Load Increase  
External USB Ports  
Variable Conveyor Speed

Custom Paint  
Entry/Exit Roller Tables  
Environmental Kit

Footmat Operator Interlock

Internal/External UPS  
Radiation Meter  
Remote Workstation Configuration

## 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.



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MOBILE