

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: ¹	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: ²	40 AWG Typical, 38 AWG Standard
Steel Penetration: ²	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)

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

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



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