

WG IS6545DVS

X-Ray Hand Baggage & Parcel Scanner

Product Code: 1010-15



WESTMINSTER
GROUP PLC

Key Features



Dual 180 kV Generator



High Image Resolution with 24-Bit Colour



Real-Time Image Manipulation



41 mm Steel Penetration



Real-Time Self Diagnostics



Enhanced Material Discrimination



Overview

The WG IS6545DVS is an advanced X-Ray Inspection System with more power than any system with its tunnel size.

The dual imaging system scans baggage from the side and underneath, providing operators with two clear views of its contents without blind spots or obstructions. Each view can be manipulated independently with separate imaging filters, for an enhanced and detailed analysis.

Equipped with best-in-class software, the WG IS6545DVS allows operators to inspect bags and packages with multi-coloured, high-contrast screening tools, making it possible to recognise objects, identify materials, and isolate threats with better speed and accuracy. The high-quality images enable higher throughput, making the WG IS6545DVS the optimal solution for high-security sites in aviation and critical infrastructure.

Features

High Image Resolution with 24-Bit Colour

Enhanced Material Discrimination

Windows Operating System with Intel® Core™ Processor

Real-Time Self Diagnostics

Picture perfect image analysis

WG IS6545DVS

X-Ray Hand Baggage & Parcel Scanner

General Specifications

Conveyor Capacity evenly distributed	165 kg
Conveyor Height	71.9 cm from floor
Conveyor Speed	23 cm/ s forward or reverse
Dimensions	L204.0cm x W128.3cm x H135.0cm
Net Weight	771 kg
Shipping Weight	1100 kg
Tunnel Size	W65.0cm x H45.1cm

Technical Specifications

Steel Penetration	41mm Typical, 39 mm Standard
Wire Resolution	41 AWG Typical, 40 AWG Standard

X-Ray Generator & Image Performance

Beam Direction	Diagonally upward and sideward
Cooling	Sealed Di-electric oil bath with forced air
Duty Cycle	100%, No warm-up procedure required
Tube Current	Dual 1.2mA
Voltage	Dual 180kV, Operating at 165kV

Computer & Video

Backup	Uninterruptible Power Supply (UPS)
Display Resolution	1280 x 1024; 24 bit/ pixel colour
Display Type	Dual 19" flat panel colour monitors
Memory	4 GB RAM
Platform	Windows OS
Storage Capacity	1 TB HDD, 240 GB SSD

Environmental

Humidity	Up to 95% non-condensing
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 60°C

Electrical

System Power	110 VAC +/- 10% 50/60Hz, 20 amp max, 220VAC +/- 10% 50/60Hz, 15 amp max
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Health and Safety

Compliant with USFDA Centre 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)

Standard Features

- 6 colour imaging
- Colour and black & white imaging
- Geometric image distortion correction
- High penetration function
- Organic/ inorganic imaging
- Picture perfect
- Pseudo colour
- Real-time image manipulation
- Reverse monochrome
- Atomic Z-number measurement
- Material discrimination
- 9 quadrant zoom
- Continuous scanning
- Continuous zoom up to 64x
- Vertical zoom panning
- Auto image archiving
- Image review
- Save image (RGB)
- Image annotation
- JPEG conversion
- Print image capable
- Multi-tier accessibility
- Network ready
- Real-time self diagnostics
- Baggage counter

Optional Features

- Barcode scanning
- Density alert
- Local language
- Safe passage® computer based training
- Screener assist software
- Test case
- Threat Image Protection (TIP) software
- 24" flat panel monitor
- Custom paint
- Environmental kit
- Entry/ exit roller tables
- Footmat operator interlock
- Heavy duty casters
- Mobility kit
- Radiation meter
- Remote workstation configuration
- Sloped conveyor

