

# WG IS6545DV Dual View

## X-Ray Hand Baggage & Parcel Scanner

Product Code: 1020-06



**WESTMINSTER**  
GROUP PLC

### Key Features



**Dual View**



**High Image Resolution with 24-Bit Colour**



**Real-Time Image Manipulation**



**41 mm Steel Penetration**



**Real-Time Self Diagnostics**



**Enhanced Material Discrimination**



### Overview

The aviation standard WG IS6545DV Dual View X-Ray Hand Baggage & Parcel Scanner has dual generators are offset by 90°, providing an upward and diagonal views of scanned objects.

Each view can be manipulated independently, with separate image filters, this unique configuration allows operators to inspect bags in depth and gives the system a compact footprint well-suited to confined spaces.

With best-in-class software, operators are able to utilise colourful, high contrast filters to identify materials, recognise objects, and isolate threats with better speed and accuracy.

The high-quality images enable greater throughput, making the scanner an ideal solution for high-volume checkpoints requiring power, reliability, and efficiency.

The scanner has 6 colour Imaging, which enables operators to view screened objects in 6 colours, each colour correlating to a specific range of Atomic Z-Numbers. 6 Colour Imaging enables operators to achieve optimal material identification which serves to improve throughputs.

### Features

Dual View 6 colour Images

Enhanced Material Discrimination

Windows Operating System with  
Intel® Core™ Processor

Real-Time Self Diagnostics

Picture perfect image analysis

TSA Certified & DFT Compliant

# WG IS6545DV Dual View X-Ray Hand Baggage & Parcel Scanner

## General Specifications

<b>Conveyor Capacity evenly distributed</b>	165 kg
<b>Conveyor Height</b>	69.1 cm from floor
<b>Conveyor Speed</b>	23 cm/ s forward or reverse
<b>Dimensions</b>	L213.3cm x W101.6cm x H129.0cm
<b>Net Weight</b>	800 kg
<b>Shipping Weight</b>	1100 kg
<b>Tunnel Size</b>	W65.7cm x H45.1cm

## Technical Specifications

<b>Steel Penetration</b>	41mm Typical, 39 mm Standard
<b>Wire Resolution</b>	41 AWG Typical, 40 AWG Standard

## X-Ray Generator & Image Performance

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

## Computer & Video

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

## Environmental

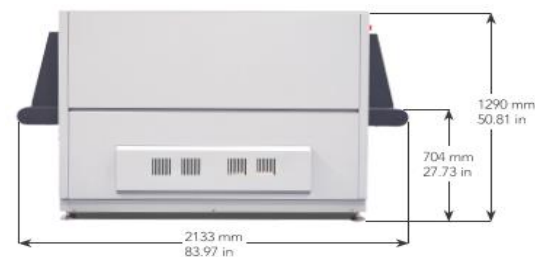
<b>Humidity</b>	Up to 95% non-condensing
<b>Operating Temperature</b>	0°C to 40°C
<b>Storage Temperature</b>	-20°C to 60°C

## Electrical

<b>System Power</b>	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
- 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