



**Approved to serve
the most demanding
international airports.**

ONVIF COMPATIBILITY

ARTIFICIAL INTELLIGENCE

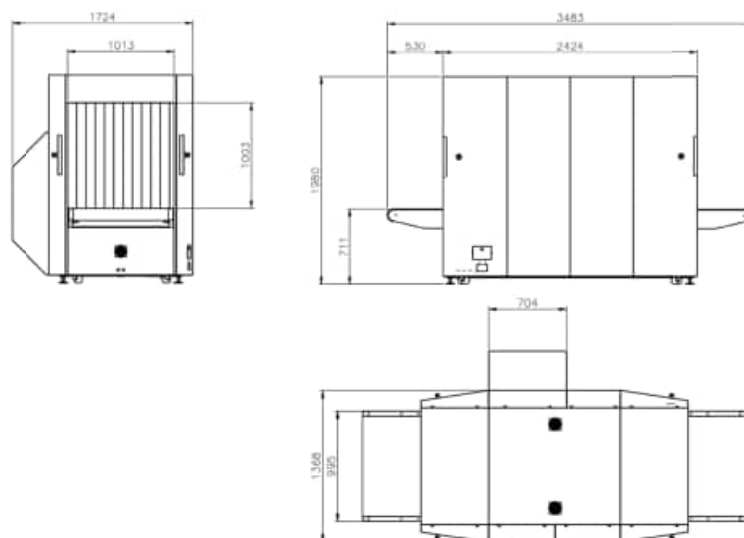
SPECTRUM 100100 HDV

The Spectrum 100100 H DV has high image quality and is certified by international airports. Specifically designed to meet the needs and applications of airports, prisons, customs facilities, transport operations, carriers, parcel services, it uses high-power X-ray generators, achieving an excellent level of penetration and high image quality, offering a quick inspection and effective.

X-ray images with high
quality and sharpness.



SPECTRUM 100100 HDV



STANDARD FUNCTIONS

- Automatic discrimination of organic, inorganic and mixed materials by colorization
- Automatic image saving
- Baggage counter
- Continuous scanning
- Zoom higher than 128x
- Color or black / white image
- Edge highlight
- High penetration function
- Sharpness
- TIP threat image projection
- High density alert
- JPG, TIFF, BMP and VMI image export
- Network connection
- Real-time scanning
- Self-diagnosis system
- Color inversion
- Real-time image manipulation
- Automatic detection algorithm for drugs, explosives and high density materials
- Storage capacity over 200,000 images

SAFETY

- Shielding:
Dose below than 1 μ Sv / h at 0.1 m away from the equipment

OPTIONAL FUNCTIONS AND ACCESSORIES

- Customized painting
- Training software
- Local language
- Remote workstation
- ASTM standard test kit
- Modular roller table
- Lockable anti theft console with key
- Remote management software for multiple devices
- Camera
- Tunnel protection extension
- UPS
- Ability to integrate with conveyor system
- WiFi capability
- Integration with Garrett's walk-through metal detector portals
- ONVIF compatibility

SHIPPING CRATING SIZE AND WEIGHT

Product	Package	Length	Width	Height	Net Weight	Gross Weight
Spectrum 100100 HDV	1 box	2920 mm 115"	2070 mm 81.5"	2070 mm 81.5"	1514 kg 3337.8 lbs	1764 kg 3888.9 lbs

GENERAL DATA

- Dimensions
3483 (L)/ 1724 (W)/ 1980 (H) [mm]
137.1" (L)/ 67.9" (W)/ 78" (H)
- Approximate weight
1514 kg | 3337.8 lbs
- Operating temperature and humidity
0°C to 40°C / 5% to 95% (non-condensing)
- Storage temperature and humidity
-40°C to 60°C / 5% to 95% (non-condensing)
- Power supply
110 - 127 VAC / 208 - 240 VAC (-15% to +10%); 50 Hz/60 Hz, +/-3 Hz
- Power
1070 VA

GENERAL SPECIFICATIONS

- Tunnel dimensions
1013 mm (W)/ 1003 mm (H)
39.88" (W)/39.49" (H)
- Conveyor speed
0,22 m/s (adjustable)
- Conveyor height
711 mm | 27.99"
- Maximum load on the conveyor
200 kg | 440.9lbs
- Standard generator
160 kV operating at 150 kV
- High power generator:
180 kV operating at 170 kV
- Wire resolution*
40 AWG
- Steel penetration*
38 mm | 1.4" (150 kV)
40 mm | 1.6" (170 kV)
- Monitor
High resolution, configurable size
- Cooling
Insulating oil
- Beam orientation
Diagonal upward and sideward

*Specification according to Test Piece VMI



LEGAL NOTICE:
VMI SECURITY RESERVES THE EXCLUSIVE RIGHT TO
EDIT THE TECHNICAL DATA OF ITS EQUIPMENT.



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