

General Specifications

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|-------------------------|--|
| Dimensions: | 1500 mm Length |
| | 790 mm Width |
| | 1350 mm Height |
| Conveyor height: | 770 mm |
| Tunnel size: | 550 mm Width x 360 mm Height |
| Conveyor speed: | 0.22 m/s |
| Conveyor load: | 160 kg evenly distributed |
| Approx weight: | 375 kg |
| System power: | 115/230 VAC ± 10%, 60/50 Hz, 10/5 A max |
| Networking: | WIFI/Ethernet |
| Monitor: | 24" Touchscreen Monitor / 1920 x 1080 Resolution |

X-ray Generator and Image Performance

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|----------------------------|---|
| Generator: | Operating at 150 kV |
| Cooling: | Sealed oil bath and external fan cooling system |
| Orientation: | Upwards 3D Isometric Perspective |
| Duty cycle: | 100% |
| Detectors: | U-Shaped detector array, dual-energy |
| Wire resolution: | 40 AWG |
| Steel penetration: | 40 mm |
| Spatial resolution: | 0.8 mm |

Environment

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|-------------------------------|--------------------------|
| Storage temperature: | -20 to 60°C |
| Operating temperature: | 0 to 40°C |
| Relative humidity: | Up to 95% non-condensing |
| Altitude: | 0 to 2000 m |

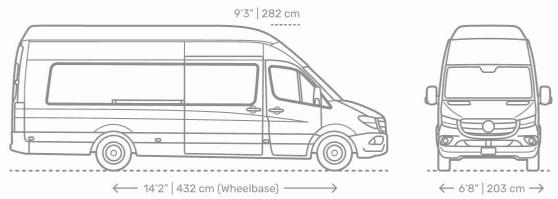
Certifications

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|--|
| Designed to be compliant to: |
| - UL 61010-1, 61010-2-091 |
| - CAN/CSA-C22.2 No. 61010-1-12, 61010-2-091:14 |
| - IEC 61010-1:2010, 61010-2-091:2012 |
| CE compliant to 2006/42/EC, 2014/30/EU, 2014/35/EU EN61000-6-2, EN61000-6-4, EN61326-1 FCC Title 47 - Part 15 – Subpart B FDA Title 21 - CFR 1010.2, 1010.3, 1020.40 Health Canada RED Act & Safety Code 29 Maximum x-ray leakage: meets all applicable laws and regulations with respect to x-ray emitting devices Film safety: ISO 1600/33 DIN, ISO 9001:2015 |

These specifications are subject to change without notice.

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Dimensions



STANDARD FEATURES

- CEIA OPENGATE weapon detection
- Touch screen monitor
- Bi-directional scanning
- Dual-energy imaging
 - Zeff-based color coding
 - Image Edge Enhancement (IEE)
 - Black & White / Negative images
 - Image contrast control
 - Digital continuous pinch zoom and pan
 - Pseudo-color image
 - Organic/Inorganic Stripping/only mode
- Shield Alert
- H_{ATT} enhancement
- Automatic scan archiving to disk
 - Scanned item counter
 - One-touch archive timeline review
 - Archive management module
- Administration control panel
- Secure access key for operation
- Remote technical support capable
- Intelligent self-test and diagnosis
- Auto-sensing 115/230V input power
- Internal power conditioner and filtering
- Automatic software-based X-ray tube seasoning
- 12V UPS

OPTIONAL FEATURES

- Shrouds and additional curtain layer
- Extended roller tables (various lengths)
- Pressure-sensitive floor mat
- External UPS
- Monitor/console display stand
- Digital camera
- Operator workstation desk
- VITA Sentinel
 - Fleet Status Dashboard
 - Live Monitoring
 - Centralized User Management

CANADIAN TECHNOLOGY



DOC-000046 - rev. A



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Images are subject to change

TECHNOLOGY

Introducing VITA V50: the future of security. This multi-checkpoint van is equipped with CEIA's latest OPENGATE weapon detection system as well as our bestseller the V50. The V50 is the next-generation 3D Isometric Perspective X-ray security system powered by VITA OS, offering unmatched image clarity, robust remote capabilities, and precision in identifying materials of interest. This makes it the ideal solution for loss prevention, critical infrastructures, transportation, and border operations where screening of parcels, bags, and mail is required. Using a cutting-edge, user-friendly touch screen interface, operators have the capability to refine and improve scanned images through various techniques, enabling them to identify and assess potential threats more accurately.

FEATURES

- 3D Isometric Perspective
- Dual-Energy Color Imaging
- Advanced Image Enhancement Algorithms
- Touch Screen Monitor
- Intuitive & User-Friendly Controls
- Multilingual Operation
- Automatic Scan Archiving
- One-Touch Archive Timeline Review
- VITA Sentinel - Network Ready
- Best-in-Class Image Quality
- Linux Based VITA OS
- SSD With Power Loss Protection