Images are subject to change

TECHNOLOGY

Introducing VITA V60S: the future of security. The V60S 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

VITA

V60S

General Specifications

Dimensions:	1835.4 mm Length
	850 mm Width
	1372.2 mm Height
Conveyor Height:	770 mm
Tunnel Size:	615 mm Width x 425 mm Height
Conveyor Speed:	0.22 m/s
Conveyor Load:	185 kg evenly distributed
Approx Weight:	520 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

Generator:	Operating at 160 kV
Cooling:	Sealed oil bath and external fan cooling system
Orientation:	Upwards Straight / Upwards 3D Isometric Perspective
Duty Cycle:	100%
Detectors:	L-Shaped detector array, dual-energy
Wire Resolution:	42 AWG
Steel Penetration:	44 mm
Spatial Resolution:	0.8 mm

Environmental

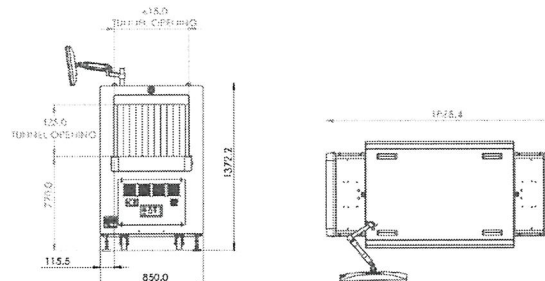|	
Storage Temperature:	-20 to 60°C
Operating Temperature:	0 to 40°C
Relative Humidity:	Up to 95% non-condensing
Altitude:	0 to 2000 m

Certifications

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

Dimensions

STANDARD FEATURES

- Touch screen monitor
- Intuitive scanner controls
- 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 stripping/only mode
    - Inorganic stripping/only mode
- Shield Alert
- H$_{AT}$ 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

- Precious Metal Alert (PMA)
- 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 🍁 PS CE

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