



IMAGES ARE SUBJECT TO CHANGE

Powerful 3D Perspective™ Technology

The XR3D-100B, powered by BioSans™, is an easy to operate, single view scanner that provides operators with extremely detailed, more revealing images, enhanced detection capabilities and a very low cost of ownership.

With a tunnel opening of 1014 mm wide by 1062 mm high (39.9" x 41.8"), the XR3D-100B is the ideal solution for a variety of usages such as critical infrastructures, transportation and border operations where screening of parcels, bags and mail is required.

VOTI's scanners employ innovative 3D Perspective™ technology to deliver exceptional threat detection capabilities. Through an advanced intuitive touch screen interface, operators can manipulate and enhance scanned images in a variety of ways to better pinpoint and evaluate potential threats. The overall threat detection process is enhanced by a suite of software guided tools and features, including extended and configurable threat libraries.

Product Highlights

- 3D Perspective™ Dual Energy Imaging
- Icon-Driven GUI with LCD Touch Screen
- Threat Alert and Material Classification
- One-touch, Instant View Last Five Bags
- Dynamic Pseudo Density Layering
- Multilingual Operation
- Auto-Archiving
- Network-Ready

General Specifications

Dimensions:	Length (L): 3604 mm (142")
	Height (H): 1993 mm (78.5")
	Width (W): 1290 mm (51")
Conveyor height:	746 mm (29.4") from floor
Tunnel size:	1014 mm x 1062 mm (39.9" by 41.8")
Max. object size:	1000 mm x 1000 mm (39.4" by 39.4")
Conveyor speed:	0.22 m/s (44'/min.) variable speed, bi-directional
Conveyor load:	200 kg (440 lbs) max. evenly distributed weight
Approx weight:	950 kg (2094.39 lbs)
System power:	120/240 VAC 10/5 A 50/60 Hz

X-ray Generator and Image Performance

Generator:	Single x-ray generator operating at 160 kV
Cooling:	Sealed oil bath
Orientation:	Diagonal upwards
Duty cycle:	100%
Detectors:	Dual energy silicone photo diodes for color coding and material classification
Wire resolution:	Up to 40 AWG
Steel penetration:	Up to 35 mm*

*As measured on VOTI proprietary test piece. ASTM F 792-08 Test Piece: 30mm

Computer Specifications

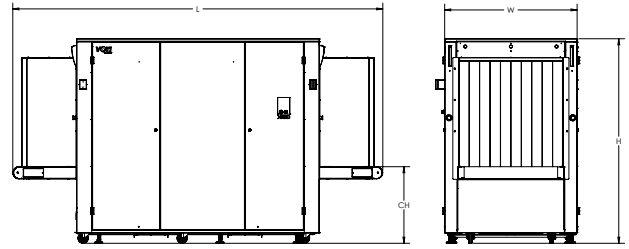
Networking:	WiFi/Ethernet/LTE options
Monitor:	24" colour LCD touch screen Resolution: 1920 x 1080

Operating Environment

Storage temperature:	-20 to 60°C
Operating temperature:	+0 to 40°C
Relative humidity:	Up to 95% non-condensing

Certified to UL 61010-1, CAN/CSA 22.2 No. 61010-1-04, IEC 61010-1:2001
CE compliant: 2006/95/EC, 2006/42/EC, 2004/108/EC
FCC part 15
FDA title 21, CFR 1010.2
FDA title 21, CFR 1010.3
FDA title 21, CFR 1020.4
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

Dimensions



Standard Features

- 3D Perspective™ dual energy imaging
- LCD touch screen
- Multilingual operations
- Remote technical support
- Secure USB port for external storage available through BioSans™ software
- Auto-archiving (>50,000 sessions)
- One-touch instant view of last 5 bags
- Extended shrouds
- Fully automatic, software-driven tube seasoning
- Network ready
- Automatic built in test & self diagnosis
- Scanned object counter
- Archive management module
- Administration module
- Restricted secure access key
- Bi-directional scanning
- Uninterruptible power supply (UPS)
- Power conditioner
- VotiIMAGE™
 - Image Edge Enhancement (IEE)
 - Black & white and inverse video
 - Variable contrast control
 - Digital zoom to 64x, pan and flip
 - Dynamic pseudo layering
- VotiMAT™
 - Z^{eff} color image
 - Organic / inorganic stripping
 - Z^{eff} based calculation
- VotiDENS™
 - Automatic High Density Alert (HDA)
 - HD and VHD enhancement



Applications & Options

- Digital picture of objects scanned (only in single scan mode)
- Extended roller tables
- Pressure sensitive mat
- Additional LCD touch screen
- Stainless steel conveyor covers
- Operator console
- Monitor/console display stand
- Operator workstation
- VotiALERT™
 - Threat Detection Assistance with alerts for operator
 - Material Classification
 - Suspect Archive Tagging and Lookup
- VotiRAM™
 - Risk Assessment Management (RAM) module with customizable operation and detection parameters
 - 5 security Levels
- VotiTIP™
 - Threat Image Projection software
 - TIP management system software

These specifications are subject to change without notice.
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