



IMAGES ARE SUBJECT TO CHANGE

Powerful 3D Perspective™ Technology

The XR3D-18D, powered by BioSans™, is an easy to operate, dual 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 1840 mm wide by 1900 mm high (72.4" x 74.8"), the XR3D-18D is the ideal solution for a variety of usages such as critical infrastructures, transportation and border operations where screening of medium to large cargo 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): 5903 mm (232")
	Height (H): 2947 mm (116")
	Width (W): 3105 mm (122")
Conveyor height:	364 mm (14.3") from floor
Tunnel size:	1840 mm x 1900 mm (72.4" by 74.8")
Max. object size:	1800 mm x 1800 mm (70.9" by 70.9")
Conveyor speed:	0.11 to 0.22 m/s variable speed, bi-directional
Conveyor load:	3000 kg (6,613 lbs) max. evenly distributed weight
Approx weight:	5980 kg (13,184 lbs)
System power:	230 VAC \pm 10%, 50/60 Hz

X-ray Generator and Image Performance

Generator:	Two 200 kV x-ray generators
Cooling:	Heat exchanger with fan and oil pump
Orientation:	Diagonal from the side and downwards
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 45 mm*

*As measured on VOTI proprietary test piece.

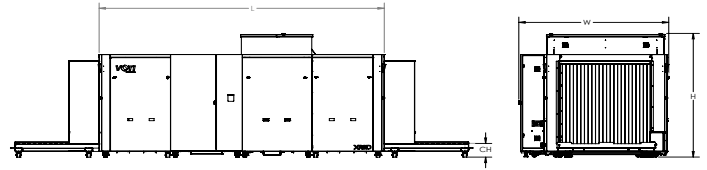
Computer Specifications

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

Dimensions



Standard Features

- 3D Perspective™ dual energy imaging
- LCD touch screen
- 1.7m motorized entry and exit conveyors
- Multilingual operations
- Remote technical support
- Secure USB port for external storage available through BioSans™ software
- Auto-archiving (>7,500 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
- Uninterruptible power supply (UPS)
- Power conditioner
- Bi-directional scanning
- 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
- Upgradable hard disk drive
- Operator console
- Mobile monitor/console stand
- Operator workstation
- Pressure sensitive mat
- VotiALERT™
 - Threat Detection Assistance with alerts for operator
 - Material Classification
 - Suspect Archive Tagging and Lookup
- VotiTIP™
 - Threat Image Projection software
 - TIP management system software

These specifications are subject to change without notice.
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