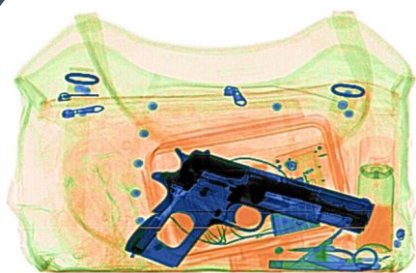


KritiScan® 7555

Multi-energy X-ray Baggage Scanner



Color Image



Solution's Brief

- Advanced dual energy X-Ray baggage scanner
- Highly competitive and technologically progressive
- Tunnel size - 750 mm (W) X 550 mm (H)
- Provides high resolution sharp images
- Identifies materials with color, high contrast filters
- Short inspection time
- Reliable inspection of tightly packed objects
- Ideal for checkpoints and baggage scanning at high-security premises

About Vehant Technologies

- **Vehant Technologies**
(formerly known as KritiKal Secure Scan)
- Incubated at **Indian Institute of Technology - Delhi (IIT-D)**, India, in August 2005
- **Founding Directors** include 5 faculty of Computer Science, IIT-Delhi
- **Inhouse development** - Physical Security Solutions; Smart & Safe City Solutions; Enterprise Analytics Solutions

Salient Features

- Atomic number based material discrimination
- Distortion correction through software
- High accuracy with computer vision technology
- High penetration feature
- Lockable console table
- Radiation safe as per AERB
- Self-diagnosis
- Sophisticated image capture, display and archival
- Threat Image Projection



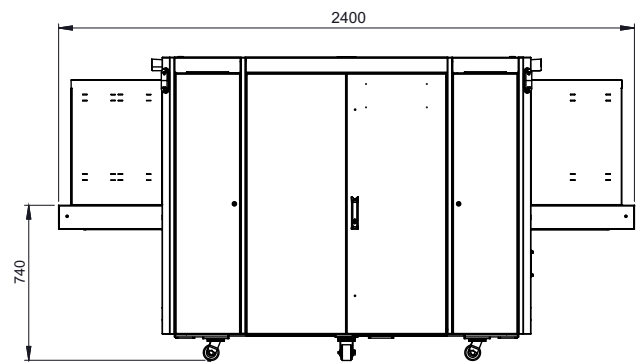
Technical Specifications

Image Processing	Color/Black & White, Organic/Inorganic Stripping, Edge Enhancement, Super Enhancement, Negative Image, H/L Penetration, Pseudo Color, High Density Alert
Material Classification	4/6 color classification
Zoom	Upto 64x
Double-screen Display	Double-screen Joint Display, Color/Black & White Display, Double-screen Copy Display
Image Recall	20 images or better
Image Storage	100000 images, Image Simulated Playback, Image Search, Image Export
Additional Features	Baggage Counter, Multi-level User Management, System Work Time Counter, Self-diagnosis, User Report Management, Maintenance Warning, X-ray Work Time Counter, Threat Image Projection
Optional Features	Central Supervisor Console
Display	High Resolution 19" or better

Equipment Specifications

Tunnel Size	750mm (W) * 550mm (H)
Conveyor Speed	0.18 ~ 0.3 m/s
Max. Conveyor Load	180kg (evenly distributed)
Storage Temperature	-20°C ~ +60°C
Working Temperature	-5°C ~ +50°C
Working Voltage	AC 230V, 50Hz
Power	2kVA
Humidity	Upto 95% (Non-condensing)

Dimension

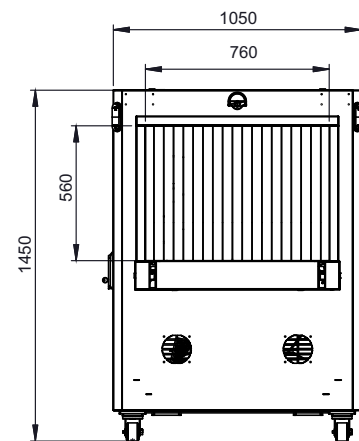


Performance Index

Line Resolution	40 SWG/36 AWG
Steel Penetration	30 mm
Image Resolution	1280x1024 pixels or better

X-Ray Generator

X-Ray Direction	Upward
Tube Current	0.3 ~ 1.2 mA (Adjustable)
Cooling/Duty Cycle	Sealed Oil Cooling/100%



ISO 1600 DIN film and food safety
Compliant with USFDA standards for cabinet X-ray systems (21CFR 1020.40 & CFR Part 1010)
*Specifications are subject to change without prior notice

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