

KritiScan™ 100100 - Multi-energy X-ray Baggage Scanner



Color Image



Black & White



About KritiScan™ 100100

KritiScan 100100 is the Multi-energy X-ray baggage scanner designed and developed by Vehant Technologies with Tunnel size - 1000 mm (W) X 1000 mm (H). It is a compact X-ray baggage scanning system ideal for medium and large baggage scanning at high security premises such as Airports, Government offices, Railways and MRTS. KritiScan is the certified X-ray baggage scanner by AERB India with regards to radiation hazards. KritiScan offers numerous optional features such as Threat Image Projection (TIP), Network Supervisory Workstation (NSW) & Video management for effective operation.

SALIENT FEATURES

- Radiation safe as per AERB India
- High density alert feature
- Distortion correction through software
- Self-diagnosis feature
- ISO 9001 : 2008
- Bi-directional
- Multi-energy high penetration
- Central supervisor console (Optional)
- Threat Image Projection (Optional)
- Energy Saving device (Optional)
- Combined test piece (Optional)
- Antirodent/dust proof cover (Optional)
- User Configurable

Technical Specifications

Image Processing	<ul style="list-style-type: none"> • Color / Black & White • Multi-energy • Organic/Inorganic Strip • Edge Enhancement 	<ul style="list-style-type: none"> • Super Enhancement • Negative Image • H/L Penetration • Gray Level Scanning 	<ul style="list-style-type: none"> • Pseudo Color • High Density Alert
Material Classification	<ul style="list-style-type: none"> • Organic: Orange • Metal: Blue 	<ul style="list-style-type: none"> • Light Metal and Mixture: Green • High Density Material: Black 	
Zoom	<ul style="list-style-type: none"> • 32x/64x 		
Double - screen Display	<ul style="list-style-type: none"> • Double-screen Joint Display 	<ul style="list-style-type: none"> • Color + Black & White Display 	<ul style="list-style-type: none"> • Double-screen Copy Display
Image Recall	<ul style="list-style-type: none"> • 20 Screens or better 		
Image Storage	<ul style="list-style-type: none"> • 100000 images • Image Simulated Playback 	<ul style="list-style-type: none"> • Image Search • Image Export 	
Additional Features	<ul style="list-style-type: none"> • Baggage Counter • Multi-level user Management • System Work Time Counter • Self-diagnosis 	<ul style="list-style-type: none"> • User Report Management • Maintenance Warning • X - Ray Work Time Counter 	
Optional Features	<ul style="list-style-type: none"> • Threat Image Projection 	<ul style="list-style-type: none"> • Central Supervisor Console 	
Display	<ul style="list-style-type: none"> • High Resolution 17" TFT/customizable as required 		

Equipment Specifications

Tunnel Size	- 1000mm (W) * 1000mm (H)
Conveyor Speed	- 0.2/0.3 m/s
Max. Conveyor Load	- 200kg (evenly distributed)
Storage Temperature/Humidity	- -20° ~ +60°C / 10% ~ 95% (Non-condensing)
Working Temperature/Humidity	- -5°C ~ +50°C / 10% ~ 95% (Non-condensing)
Working Voltage	- AC 220V, 50Hz
Power	- 2.4kVA

Performance Index

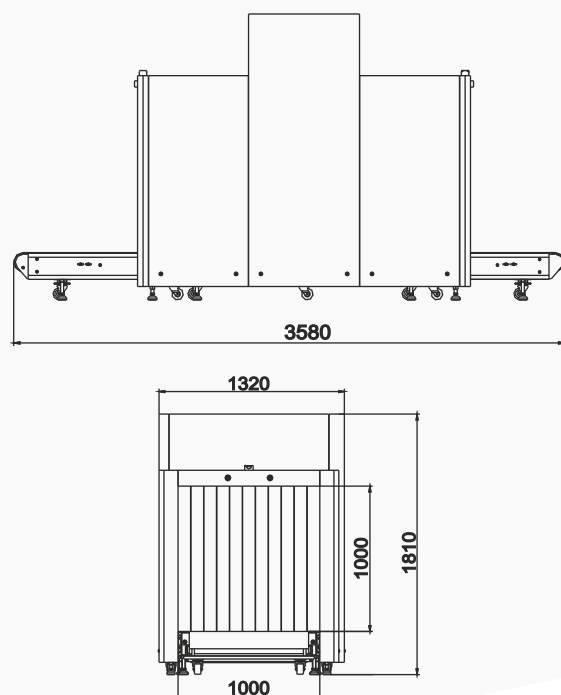
Line Resolution	- 42 SWG/38 AWG
Steel Penetration	- 30 mm
Image Resolution	- 1280x1024 pixels

X - Ray Generator

X - Ray Direction	- Downward
Tube Voltage	- 100 - 160kV (Adjustable)
Tube Current	- 0.3 ~ 1.2 mA (Adjustable)
Cooling / Duty Cycle	- Sealed Oil Cooling/100%

*specifications are subject to change without prior notice

All dimensions are in millimeter unit



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