

KritiScan™ 6040 - Multi-energy X-ray Baggage Scanner



Color Image



Black & White



About KritiScan™ 6040

KritiScan 6040 is the Multi-energy X-ray baggage scanner designed and developed by Vehant Technologies with Tunnel size - 600 mm (W) X 400 mm (H). It is a compact X-ray baggage scanning system ideal for checkpoints and small baggage scanning at high security premises such as Airports, Government offices, Railways, MRTS and other baggage scanning applications. 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
- Multi-energy high penetration
- Central supervisor console (Optional)
- Threat Image Projection (Optional)
- Energy Saving device (Optional)

Image Processing	Color / Black & White Multi-energy Organic/Inorganic Strip Edge Enhancement	Super Enhancement Negative Image H/L Penetration Gray Level Scanning	Pseudo Color High Density Alert
Material Classification	Organic: Orange Metal: Blue	Light Metal and Mixture: Green High Density Material: Black	
Zoom	32x/64x		
Double - screen Display	Double-screen Joint Display	Color + Black & White Display	Double-screen Copy Display
Image Recall	20 Screens 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	
Optional Features	Threat Image Projection	Central Supervisor Console	
Display	High Resolution 17" TFT/customizable as required		

Equipment Specifications

Tunnel Size	- 600mm (W) * 400mm (H)	1240
Conveyor Speed	- 0.2/0.3 m/s	
Max. Conveyor Load	- 160kg (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	- 2.2kVA	

1910

Performance Index

Line Resolution	- 42 SWG/38 AWG	1240 400
Steel Penetration	- 30 mm (Typical), 28 mm (Guaranteed)	
Image Resolution	- 1280x1024 pixels	

890

600

X - Ray Generator

X - Ray Direction	- Upward
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