Usage/Application	Air Cargo, railway systems, military base, government facilities, commercial facilities etc.

Product Highlights

- **Dual View**
- **Energy saving design**
- **Network-Ready**
- **Auto archiving**
- **Automatic built in test and self diagnosis**
- **Multilingual operation**
- **Threat alert and material classification**

Certification	CE and ISO

General Parameters

Model Number	100100D
Tunnel Size Conveyor	1000 mm (Width) *1000 mm (Height)
Conveyor Speed	0.22/ sec
Conveyor Max Load	250 kg (Evenly distributed)
Conveyor height	300 mm
Wire Resolution	Standard 34 AWG
Pass resolution	Typical AWG43
Spatial Resolution	Level: dia 1.0 mm Vertical: dia 1.0 mm
Penetration Through Steel Plate	40mm
Dose per Inspection	Less than 2.0 uGy/h
Film Safety	Guaranteed ISO 1600 Film
X-ray Leakage	Less than 1 uGy/h at 5cm from frame house

*With continued R&D, MCD reservers the right to amend specifications without notice.

X-ray Generator

Generator quantity	2 Generator
Generator Direction	Upward and sideward
Generator Angle	80 degrees downward
Anode Voltage	140 KV
Anode Power	0.3 mA
Cooling	Oil cooling 100%

Image System

X-ray SensorL-shaped photo diode array (mono energetic), 16bit depth	
Monitor	High resolution color, LCD compatible, 19inch(can be customize)
Image Processing	Edge enhancement, image enhancement, image lighting, reduction of darkening, image reversion, image rewind.
Image Grayness Level	4096
Objects distinguish	Organic in orange

	Inornanic in blue Mixture in green
High-energy/low energy	Switch from high energy to low energy
Image Maximum Resolution	1440*900 pixels (can be customize)
Image Processing	24bit real time processing in real time
Image Storage	500,000 images in real time
Other Functions	Fault diagnosis, system time setting, detection blind dots delete, X-ray source setting (analoge or digital), alarm setting, image setting, software register, user management, date setting (machine working time , X-ray source working time, baggage counter etc.)
Network interface	YES
Energy saving function	YES
Installation Data	
Operating Environment / Humidity0 to 45 Degree C / 20 - 95% (non-condensing)	
Storage Temperature / Humidity	-20 to 60 Degree C / 20 ~ 95% (non-condensing)
Operating Power	220VAC ($\pm$ 10%) 50 $\pm$ 3Hz
Power Consumption	1.0 KW (max), 0.3KW (working)
System Noise	＜55 dB
Optional Features	
camera video system,TIP Threat Image Projection,X-Auto sight(Threat self identification assistant function) etc.	
Package Size	
Unit Net Weight1130 Kgs	
Unit Gross Weight	1220 KG
Wooden size	260*140*215cm (X-ray baggage scanner machine body) 127*134*75 cm (operation desk)