

Usage/Application	Hotel, bank, Mail rooms, entrance halls, prisons , schools railway station and Government Office etc.
General Parametersc	
Model Number	100100C
Tunnel Size Conveyor	1000 mm (Width) * 1000 mm (Height))
Conveyor Speed	0.22/ sec
Conveyor Max Load	250 kg (Evenly distributed)
Conveyor height	350 mm
Wire Resolution	Typical 40 AWG
Pass resolution	Typical AWG34
Spatial Resolution	Level: dia 1.3 mm Vertical: dia 1.0 mm
Penetration Through Steel Plate	34 mm
Dose per Inspection	Less than 1.5 uGy/h
Film Safety	Guaranteed ISO 1600 Film
X-ray Leakage	Less than 2.5 uGy/h at 5cm from frame house
*With continued R&D, MCD reserves the right to amend specifications without notice.	
X-ray Generator	
Generator Direction	From top to bottom
Generator Angle	80 degrees downward
Anode Voltage	140 KV
Anode Power	0.5mA
Sensor quantity	Multi-energy
Cooling	Oil cooling 100%
Image System	
X-ray Sensor	L-shaped photo diode array (multi-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
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
Zone & Zoom	1-9 image zones, enlargement of 2, 4, 8, 16 times, fully screen continuous observation.
Assist to	detect drug and explosive powder
Objects distinguish	Organic in orange Inornanic in blue Mixture in green

Other Functions	Fault diagnosis, system time setting, detection blind dots delete, X-ray source setting (analog 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 / Humidity	0 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
Package Size	
Unit Net Weight	1130 Kgs
Unit Gross Weight	1220 KG
Wooden size	260*140*215cm (X-ray baggage scanner machine body) 127*134*75 cm (operation desk)

