

Usage/Application	Checkpoint,Hotel, Checkpoint, Shopping mall, Customs, Port, Gym, Warehouse etc
<b>General Parameters</b>	
Model number	MCD-8065A
Tunnel Size Conveyor	800 mm (Width) * 650 mm (Height))
Conveyor Speed	0.22/ sec
Conveyor Max Load	200 kg (Evenly distributed)
Pass resolution	32AWG $\Phi$ 0.202mm
Metal Wire Resolution	40AWG / $\Phi$ 0.202 mm
Spatial Resolution	Level: dia 1.0 mm Vertical: dia 1.3 mm
Penetration Through Steel Plate	14 mm
Dose per Inspection	Less than 1.0 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 reserves the right to amend specifications without notice.	
<b>X-ray Generator</b>	
Generator Direction	From top to bottom
Generator Angle	80 degrees downward
Anode Voltage	80KV
Anode Power	0.6 mA
X-ray Sensor	single generator
Cooling/Duty Cycle	0%-90% (non-condensing)
<b>Image System</b>	
X-ray Sensor	L-shaped photo diode array (mono energetic), 16bit depth
Monitor	High resolution color, LCD compatible, 19inch
Image Processing	Edge enhancement, image enhancement, image lighting, reduction of darkening, image reversion, image rewind.
Image Grayness Level	4096
Image Maximum Resolution	1024*768 pixels
Image Processing	24bit real time processing in real time
Image Storage	60,000 images in real time
Energy	Multi-energy (High-energy/low energy)
Zone & Zoom	1-9 image zones, enlargement of 2, 4, 8, 16 times, fully screen continuous observation.
<b>Installation Data</b>	
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
<b>Package Size</b>	
Unit Net Weight	500 Kgs
Unit Gross Weight	650 KG
Wooden size	218 (L) x 108 (W) x 150 (H) cm ( Xray Device) 132 (L) x 120 (W) x 78 (H) cm (Xray Device Computer)
CBM	8 CBM

