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| Usage/Application | Checkpoint,Hotel, Checkpoint, Shopping mall, Customs, Port, Gym, Warehouse etc |
| General Parameters | |
| 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 Φ 0.202mm |
| Metal Wire Resolution | 40AWG / Φ 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. | |
| X-ray Generator | |
| 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) |
| Image System | |
| 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. |
| 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) |

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| System Noise | < 55 dB |
| Package Size | |
| 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 |

