

# INFINITY

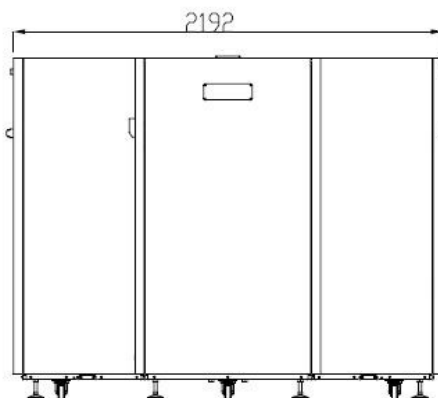
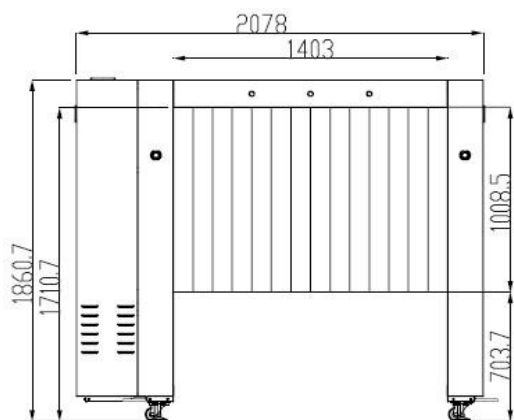
## X-Ray Baggage Scanner INF-XR08C



### Product highlights

- \* Linux operation system
- \* ARM CPU
- \* Digital signal and processor
- \* Continuous hard work for 10000 hours
- \* Energy saving design
- \* High penetration
- \* Good quality images

| General Specifications |                         |
|------------------------|-------------------------|
| Tunnel size(mm)        | 1403(L)*1008.5(W)       |
| Unit size (mm)         | 2192(L)*2078(W)*1860(H) |
| N.W.                   | 890 KGS                 |
| G.W.                   | 1300 KGS                |
| Packing size           | #1:239*220*215cm        |
|                        | #2: 86*65*100cm         |



| General Specifications         |                |
|--------------------------------|----------------|
| Conveyor Speed(m/s)            | 0.4            |
| X ray dose per each inspection | 4.5 $\mu$ Gy/h |
| X ray leakage                  | 1.0 $\mu$ Gy/h |
| Penetration                    | 34mm           |

|                        |                             |
|------------------------|-----------------------------|
| Wire Resolution        | AWG38                       |
| Penetration Resolution | AWG32                       |
| Spatial resolution:    | dia1.0mm,Vertical: dia1.0mm |
| Power Consumption      | 0.4KW                       |
| Noise                  | < 60 dB                     |
| Film Safety            | Guarantee ASA/ISO1600 Film  |

| <b>X-ray Generator (single)</b> |                    |
|---------------------------------|--------------------|
| Anode Voltage                   | 140 KV             |
| Anode power                     | 0.8mA              |
| Generate angle                  | 80 degree downward |
| Generate direct                 | from side          |
| Cooling / Duty Cycle            | Oil Cooling /100%  |
| Brand                           | local made         |

| <b>Image System</b>              |   |
|----------------------------------|---|
| X-ray Sensor                     | L-Shaped Photodiode Array (multi-energetic) , 16bit Deep  |
| Image Display                    | High resolution of 1024 * 1280 pixel; Image Grey Level: 65536   |
| Image Enhancement                | 1-64times enlargement continuity, Color/BW, negative, high/low penetration, organic /inorganic Stripping, general enhancement, and pseudo color, etc.   |
| Image Recall                     | All preceding images recallable, retrieval  |
| Explosives & Narcotics Detection | Explosives & narcotics alarm and highlight according to atomic number signature   |
| High Density Region Alarm        | Impenetrable region alarm and highlight, for possible concealing of threats and contrabands   |
| Threat Image Projection          | Inserting fictional, but realistic images of threat items into baggage during screening operation, for maintenance of vigilance, as well as training and assessment of image identification capability            |
| Image Archive                    | Up to 10,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP and other general formats   |
| Miscellaneous Functions          | Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, dual-direction scanning, system log, system standby and stimulant training, ADS etc. |
| Network Applications             | Multiple remote applications available based on Ethernet LAN and windows platform, such as image centralized storage and identify, recheck workstation, and network TIP, etc ( Optional) .                        |
| Images process                   | 24bit real time processing ,4colors analysis, Images displayed marked date and ID NO ,Count the number of bags  |

|                                |  |
|--------------------------------|--|
|                                | 0°C-45°C / 5%-95%(non-condensing)      |
| Operation temperature/Humidity |  |
| Storage Temperature/Humidity   | -40°C to 70°C / 5%-95%(non-condensing) |

|                 |   |
|-----------------|---|
| Operation Power | 220VAC(±10%) 50±3Hz (Optional: 100VAC,110VAC,120VAC,200VAC) |
| UPS             | 15mins, 30mins, 60mins etc, optional                        |

| Computer and other |   |
|--------------------|---|
| Monitor            | High Resolution Color, LCD Accord, 17inch |
| Hard Disk          | SEAGATE 500G 3.5"                         |
| CPU                | Cortex A9                                 |
| Storage            | 1G  |
| Main board         | Safeway IMX6_mainboard-V030               |

| Compliance       |  |
|------------------|--|
| International    | <ul style="list-style-type: none"> <li>* ISO19001 ; ISO14001 ; OHSMS18001 ;</li> <li>* CE</li> <li>* USA FDA</li> <li>* Maximum X-ray leakage of less than 5 μSv/h(0.5mR/h) measured at 5cm from any external surface. (European standard - less than 1 μSv/h(0.1mR/h) measured at 10cm from any external surface)</li> </ul>  |
| National (China) | <ul style="list-style-type: none"> <li>* Health Inspection Report</li> <li>* Computer Software Copyright Registration Certificate</li> <li>* Software Product Registration Certificate</li> <li>* Radiation Safety Certificate from Ministry of Public Security</li> <li>* Quality Certification from Safety and Police Electronic Products Quality Inspection Center</li> <li>* Design patent certification: Patent No. : 201020700245.2 ; Patent No. : 201020700245.8 ; Patent No. : 201020700256.0</li> </ul> |