

# INFINITY

## X-Ray Baggage Scanner INF-XR01C

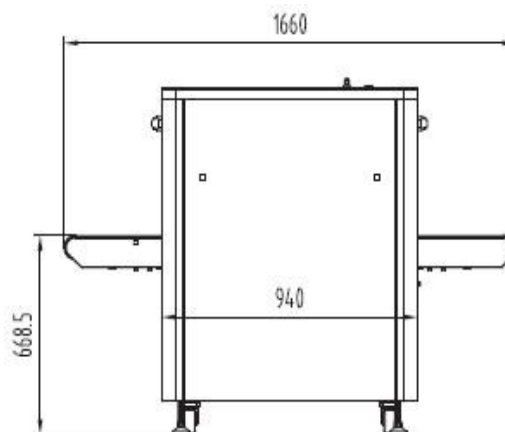
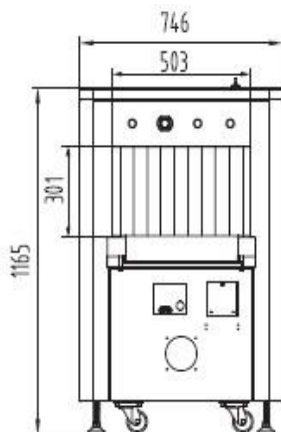
### Product highlights

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



### Physical Specifications

|                        |                        |
|------------------------|------------------------|
| Unit weight (kgs)      | 260                    |
| Unit size (mm)         | 1660(L)*746(W)*1165(H) |
| after packed in wooden |                        |
| Gross weight (kgs)     | 350                    |
| Packing size           | 180*88*138cm           |



### General Specifications

|                        |               |
|------------------------|---------------|
| Tunnel size(mm)        | 503(L)*301(W) |
| Conveyor Speed(m/s)    | 0.22          |
| Conveyor height(mm)    | 668.5         |
| Conveyor Max Load(kgs) | 150           |

|                                |   |
|--------------------------------|---|
| X ray dose per each inspection | Typical 3.0 $\mu$ Gy, guarantee 3.5 $\mu$ Gy                                |
| X ray leakage                  | Typical 2.0 $\mu$ Gy/h, guarantee 2.5 $\mu$ Gy/h                            |
| Penetration                    | Typical 13mm, guarantee 10mm  |
| Wire Resolution                | Typical AWG38, guarantee AWG36  |
| Penetration Resolution         | Typical AWG34, guarantee AWG32  |
| Spatial resolution:            | Typical dia1.3mm,Vertical: dia1.3mm; Guarantee dia1.6mm,Vertical: dia1.6mm; |
| Power Consumption              | 0.5KVA  |
| Noise                          | < 60 dB   |
| Film Safety                    | Guarantee ASA/ISO1600 Film  |

| X-ray Generator (single) |                    |
|--------------------------|--------------------|
| Anode Voltage            | 80 KV              |
| Anode power              | 0.3mA              |
| Generate angle           | 80 degree upward   |
| Generate direct          | from bottom to top |
| Cooling / Duty Cycle     | Oil Cooling /100%  |
| Brand                    | made by ourself    |

| Software System          |  |
|--------------------------|--|
| Self-test after power on | Self test after power-on, and show the problem<br>( 1. emergency stop, 2. housing panel is open 3. calibration fail<br>4. detection system error 5. hard drive is missing)   |
| Image Display            | High resolution of 1024 * 1280 pixel;  |
| Image Enhancement        | Color/BW, negative, high/low penetration, organic /inorganic Stripping, general enhancement, and pseudo color, etc.  |
| Image Recall             | 30 images recallable, retrieval  |
| Image Archive            | Up to 1,0000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP and other general formats  |
| Real-time Curve          | Real-time curve to see if the detection system and other components work well  |
| Others                   | Fault diagnosis, system time setting, detection blind dots delete, x-ray source setting(analoge or digital), alarm setting, images setting, software register, user management, TIP report, data setting(machine working time, x-ray source working time, baggage counter, etc.) |

| Operating Environment          |  |
|--------------------------------|--|
| Operation temperature/Humidity | 5 $^{\circ}$ C-40 $^{\circ}$ C / 0%-90%(non-condensing)      |
| Storage Temperature/Humidity   | -40 $^{\circ}$ C to 70 $^{\circ}$ C / 5%-95%(non-condensing) |

|                 |   |
|-----------------|---|
| Operation Power | 220VAC(±10%) 50±3Hz (Optional: 100VAC,110VAC,120VAC,200VAC) |
|-----------------|---|

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

| Compliance       |  |
|------------------|--|
| International    | <ul style="list-style-type: none"> <li>* ISO19001 ; ISO14001 ; OHSMS18001 ;</li> <li>* CE</li> <li>* USA FDA</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> </ul> |