

## X-Ray Baggage Scanner

SEC-6550D

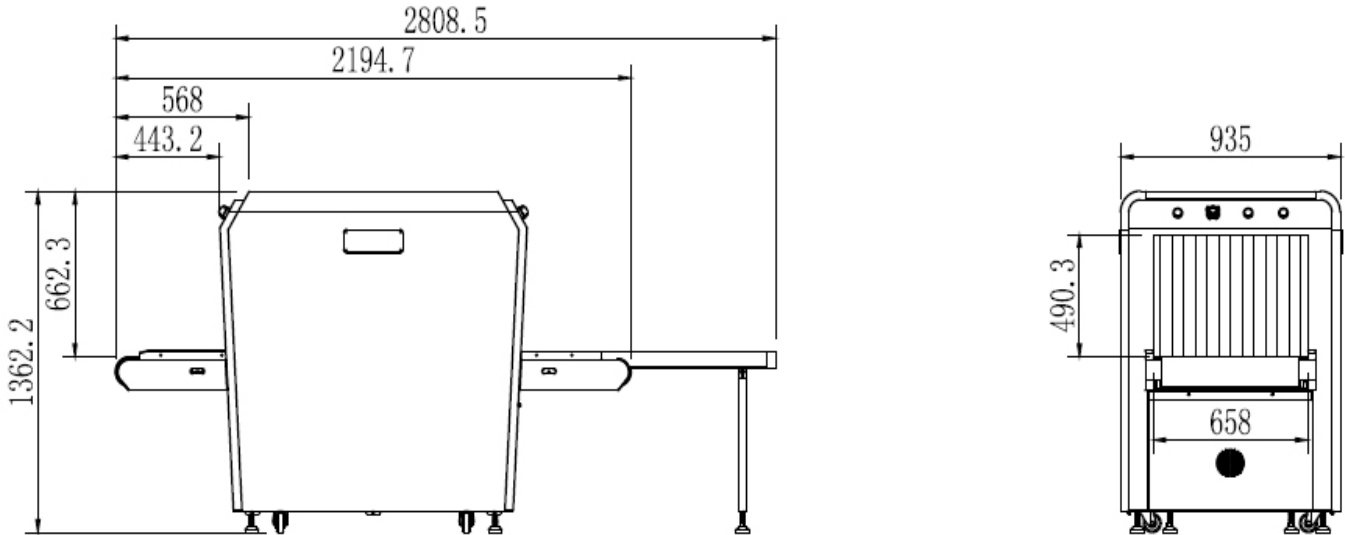


### Product highlights

- Two generator, two view perspective dual energy imaging
- Automatic built in test and self-diagnosis
- Secure access Key
- Uninterruptable power supply(UPS)
- Threat alert and material classification
- Auto arching
- Network-Ready
- Energy saving design
- One key turn off
- Drugs and explosives inspection
- Indication of the date and time



## Dimensional Drawing



## General Specifications

| Model                            | SEC-6550D  |
|----------------------------------|--|
| <b>General Specifications</b>    |  |
| Wire Resolution                  | Typical AWG38(top view); Typical AWG38(side view)  |
| Penetration resolution           | Typical AWG32(top view); Typical AWG32(side view)  |
| Spatial resolution               | Vertical:1.0mm, horizontal:1.0mm(top view); Vertical:1.3mm, horizontal:1.3mm (side view) |
| Penetration                      | 34mm(top view); 34mm(side view)  |
| Resolution of organic matter     | 1 - 120 mm(top view); 1 - 120 mm(side view)  |
| Grayscale and mixture resolution | 1 - 60mm(top view); 1-60 mm(side view)   |
| Resolution of inorganic objects  | 0.2-14mm(top view); 0.2-14 mm(side view)   |
| Effective material resolution    | Meet the requirements of GB15208.1-2005  |
| X-Ray dosage each inspection     | ≤4.8 μSv(uGy)  |
| Boundary Leakage                 | ≤0.5 μSv /h(uGy/h)   |
| S/N ratio                        | <60dB  |
| Conveyor speed                   | 0.2m/s   |
| Conveyor max load                | 150kg  |
| Power consumption                | 1.0KW  |
| Safety performance requirements  | Meet the requirements of GB 15208.1-2005   |
| EMC requirements                 | Meet the requirements of G B 15208.1-2005  |
| Electrical safety                | Meet the requirements of G B 15208.1-2005  |



|                                 |   |
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| Environmental applicability     | Meet the requirements of G B 15208.1-2005   |
| Leakage current                 | ≤5.0mA  |
| Film Safety                     | Guarantee ASA / ISO 1600 Film   |
| Weight                          | 740kg   |
| Operation temperature/Humidity  | 5°C-40°C/0%-90%   |
| Storage temperature/Humidity    | -20°C-60°C /10%-90%   |
| Atmospheric pressure            | 86kPa-106kPa  |
| Operation Power                 | AC220V(±10%-15%) 50±3Hz   |
| Operation system                | Windows XP  |
| <b>General Specifications</b>   |   |
| X ray generator                 | 160KV, oil cooling, from top to bottom  |
| Electric roller                 | Three-phase   |
| Computer                        | CPU: Intel Celeron 2.70GHz, Hard drive: 2T, Storage : 4G  |
| Monitor                         | 17" LED screen, resolution: 1280*1024 pixels  |
| Operation console               | Double screen console   |
| <b>Software Functions</b>       |   |
| Power-on self-test              | With the function of fault self-check, automatically judge the fault and prompt the fault code information in time.   |
| Image processing                | With the function of Color/BW, negative, high/low penetration, organic /inorganic stripping, general enhancement, and pseudo color, etc   |
| Image Recall                    | 30 preceding images recallable.   |
| The number of images stored     | Up to 10,00 images stored automatically   |
| Image management                | With the functions of image information query, open, export and print, 6 image formats can be exported (JPG, BMP, XF, PNG, TIFF, GIF )  |
| Operator management             | Operators can be added and deleted, and operator names, groups, passwords, enabled status can be modified, and usage logs can be exported.  |
| Dangerous goods image insertion | TIP insertion pictures can be added and deleted, TIP enable status, injection interval, floating range, motion determination time, and stationary determination time can be set; the user can check the operator by recording information.  |
| Equipment diagnosis             | Key components of equipment can be diagnosed through the diagnostic interface, including detector, motor positive and negative rotation, infrared sensor, special keyboard, etc.  |
| System Settings                 | Programmable key, imaging display (horizontal, vertical image, maximum magnification, display recovery), scanning mode setting (two-way, direction, strong scanning, energy saving), auxiliary inspection (difficult to penetrate, explosives, drugs), luggage counter function Settings. |



|                              |   |
|------------------------------|---|
| System equipment information | Display software version, equipment model, factory number, scan count, power on time, beam out time, image file storage capacity and other information. Able to conduct automatic through-baggage training for new operators.   |
| Training function            | Able to conduct automatic through-baggage training for new operators.   |
| <b>Compliance</b>            |   |
| International                | <ul style="list-style-type: none"> <li>* ISO19001 ; ISO14001 ; ISO27001 ; OHSMS18001 ;</li> <li>* CE , ROHS, FCC, REACH</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> <li>* Design patent certification</li> </ul> |

## Scanned images

