

## EI-6550 X-Ray Security Inspection Equipment



### Main Features

- ◆ High-precision X-ray detectors, clearer image.
- ◆ Using the world leading digital massive module transition device, realizing high-speed parallel detection data collection.
- ◆ Exquisite exterior design with practical functions, including authority management, real time status display, statistical report and other user-friendly configurations.
- ◆ Design for easy installation and transportation. Independent operating station ensures easier control and monitor during security check.
- ◆ Optional dual monitors display both colored and B/W images, making security check more efficient.
- ◆ Advanced image processing technique realizes more possible image transformation.
- ◆ Standardized module design makes EI-6550 possible for future extension.
- ◆ The new radiation protection technology of EI-6550 makes its radiation leakage reach the world strictest safety standard.
- ◆ Penetration, resolution and other key technical data have reached or exceeded the national standard GB15208-2005.
- ◆ Ideal for luggage security check in rail transit, highway system and other places.

**EI-6550 X-Ray Security Inspection Equipment****Basic Technical Data**

- ◆ Tunnel Size.....650 (W) ×500 (H) mm
- ◆ Conveyor Speed.....Approx. 0.2m/s
- ◆ Max Conveyor Load.....Approx.160 kg
- ◆ Wire Resolution.....0.101mm Diameter Tinned Copper Wire (AWG38)
- ◆ Spatial Resolution.....1.3mm diameter metal wire pair
- ◆ Penetration.....≥30mm Steel Plate
- ◆ Film Safety.....Safe for film up to High speed ASA/ISO 1600 (33DIN) film
- ◆ Leakage.....<2μGy/h
- ◆ Beam Direction.....From Bottom
- ◆ Anode voltage.....140 KV
- ◆ Cooling / Duty cycle.....Sealed oil cooling 100%
- ◆ Detection sensor.....Multi-energy L-shaped Photodiode array
- ◆ Display resolution .....1280×1024
- ◆ Image processing .....24 bit real time processing
- ◆ Image grey level.....4096 level

**Image Processing**

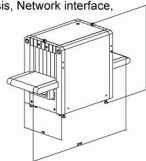
- ◆ Image Display Mode.....Black & White,Color, Multi-energy
- ◆ Image Transformation.....Edge Enhancement; Negative/positive image; Partial enhancement; Grey level scanning; Organic/Inorganic compound stripping; Image restoration
- ◆ Image zooming.....1-9 image zones, 2-16 times enlargement in any selected zone; Whole and partial image 2 4 8 16 times enlargement. Plus a magnifying glass function
- ◆ Image storage.....20000 pictures real time storage
- ◆ Image recall.....Review the previous 20 images
- ◆ Additional functions.....Date & time display, Operation status display, Image navigation, Operator management, Test object counting, Emergent pause, Automatic self-diagnosis, Network interface, System on and X-ray emission time counter

**Installation Data**

- ◆ Operation Temperature/Humidity.....0℃~45℃ / 20%~95% (Non-condensing)
- ◆ Storage Temperature/Humidity .....-40℃~60℃ / 20%~95% (Non-condensing)
- ◆ Power.....220VAC (+10%~15%) 50±3Hz
- ◆ Power consumption.....approx.0.46kVA

**Safety Standard**

- ◆ Key technical data has reached or exceeded China national standard GB15208-2005、MH7011-2003



Information Bar



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