

Security Screening Solutions 150-165



- Ergonomic Design
- Multi-Language Function Keys
- High-Performance Engineering
- Economic Solution

BIG BOX/SMALL CARGO IMAGING SYSTEM

Source-IT-Security introduces our X-Ray Center manufacturing screening systems for the security market with the knowledge gained from over 60 years of combined experience and our management team working with a world-wide customer base. Our systems are designed for screening at checkpoints in airports, courthouses, office buildings, passenger cruise lines, and government facilities.

The 150-165 has the latest and most advanced design with a 60.1 inch (1535 mm) width by 65.1 inch (1655 mm) height tunnel opening. Our machines have a Linux based operating system for greater system stability. The 150-165 system has 4 color dual-energy images, lockable control panel, and self-diagnostics.

The 150-165 meets all international safety regulations including those set forth in Federal Regulations 21 CFR 1020.40, and CE requirements.

We will arrange to respond to your service needs with a 24/7 customer service department. We will have your system working within 8 hours or a loaner x-ray system will be provided for customers with equipment covered under warranty and/or a service contract. We are committed to provide equipment with minimum down time.

We have a very aggressive delivery schedule of 30 days from approved order date for most standard systems.

Interested@Source-IT-Security.com

1324 N. Liberty Lake Rd., Suite 111, Liberty Lake, WA 99019 USA

150-165

BIG BOX/SMALL CARGO IMAGING SYSTEM

PHYSICAL PROPERTIES

Dimensions:	Length: 3354 mm (132 in) Height: 2135 mm (84 in) Width: 2885 mm (113.5 in)
Approx. Crated Dimensions:	Length: 3505 mm (138 in) Height: 2286 mm (90 in) Width: 3048 mm (120 in)
Tunnel Dimensions (W) X (H):	1535mm (60.4 in) x 1655mm (65.1 in)
Conveyor Speed:	0.10 m/sec (19.7 ft. /min)
Conveyor Load Capacity:	3000 Kg (6614 lbs) <i>evenly distributed</i>
Conveyor Height:	285 mm (11 in)
Approx. Weight Unpacked:	2000 Kg (4409 lbs)
Approx. Crated Weight:	691 Kg (1523 lbs)
System Power:	120 VAC +/- 10% 60 Hz 230 VAC +/- 10% 50 Hz

X-RAY GENERATOR AND IMAGE PERFORMANCE

Steel Penetration:	30 mm guaranteed; 33 mm typical
Wire Resolution:	36 AWG guaranteed; 38 AWG typical
Article Separation:	Low Z, Medium Z, High Z 0.5 Z accuracy
Generator Cool:	Oil and forced air cooling
Anode Voltage:	170kv rated, operating at 160kv
Tube Current:	0.7mA
Direction of X-ray:	Vertically upward

HIGH-PENETRATION X-RAY GENERATOR OPTION

Steel Penetration:	33 mm guaranteed; 35 mm typical
Wire Resolution:	40 AWG guaranteed
Anode Voltage:	200kv rated, operating at 180kv
Tube Current:	1.0 mA

COMPUTER SPECIFICATIONS

Processor:	Intel® Core™2 Duo Processor min.
Monitor:	24" LED color, flicker free
Memory:	2GB RAM minimum
Video Card:	1 GB minimum
Hard Drive:	500 GB minimum
USB Port:	6 port minimum
Operating System:	Linux

OPERATING ENVIRONMENT

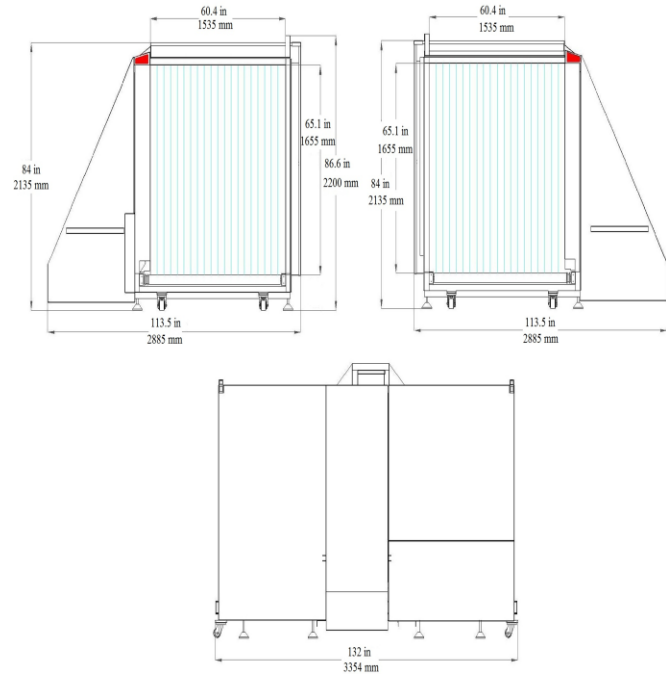
Storage Temperature:	-20°C to 60°C
Operating Temperature:	-10°C to 50°C
Relative Humidity:	5-95% Non-Condensing

HEALTH AND SAFETY

All our X-Ray Center products meet all applicable international health and safety regulations. Federal Standard 21CFR 1020.40 with the Health and Safety at Work Act 1974 – section 6: Maximum level of radiation the exterior panels come in contact with is 0.1mR/hr. (1 μ vs. /hour)
Film safety: ISO 1600 / 33 DIN
CE Compliance: Certified
FCC & IEC Compatibility: Available
Compliant with USFDA, Center of Devices and Radiation Standards for cabinet X-Ray Systems (21-CFR 1020.40).

Due to continuous development, we reserve the right to change specifications without notice.

Rev: 11-5-13



STANDARD FEATURES

- Multi energy imaging (4 colors)
- Detail enhancement (PV)
- Black & White view (B/W)
- Organic / inorganic separation (OM/IM)
- Pseudo color (PS)
- Inverse view (IN)
- High Penetration force (HP)
- Variable edge clarification
- Variable color separation
- Variable contrast level
- Variable density zoom
- Zoom real time (64x)
- Image of previous bags
- Manual image archiving
- Automatic image archiving
- Programmable function keys
- Baggage counter
- Date/Time indicator
- UPS (for computer)
- Flat Panel LED Monitor
- Threat Image Projection (TIP)
- Organic danger alarm
- Inorganic danger alarm
- Operator Training Program (OTP)
- Operator console

OPTIONAL FEATURES

- UPS (Uninterrupted Power Supply)
- Additional Input-output rollers