SafeScreen™

PASSENGER SCREENING

Brijot Imaging Systems, Inc.

Brijot's SafeScreen™ is a compact, fully integrated security screening checkpoint solution. SafeScreen passively detects concealed objects under a person's clothing without emitting any radiation or energy, making it completely safe. Additionally, the system detects threats and contraband without displaying any anatomical details and does not violate personal privacy.

SafeScreen Benefits

- Effective detection capabilities
- Easy integration
- Fast throughput
- Small footprint
- Protect privacy & health
- No radiation
- Low cost of ownership

With its small footprint, SafeScreen was specifically designed to address the infrastructure challenges currently faced by many airports and other facilities. These sites have limited space to incorporate large-scale technology that typically has a massive footprint and power requirements. With its easy integration into any existing checkpoint, SafeScreen is an excellent choice for use as a primary screening application, or it can be coupled with existing passenger screening solutions for an added layer of security to enhance primary screening capabilities.

Because Brijot solutions require minimal training, have no consumable parts and demand minimal scheduled maintenance, SafeScreen offers a lower total cost of ownership over competitive systems.

BRIJOT—IMAGING A SAFER WORLD

Brijot is a global leader in providing non-invasive imaging systems to detect concealed objects without compromising privacy or safety. Our patented systems, built on passive millimeter wave technology, provide proven security and loss prevention solutions to governments, the Department of Defense and businesses worldwide. For more information, visit www.brijot.com.

FEATURES

▶ **Imaging Capabilities:** Metals, plastics, ceramics, composites, glass, liquids, gels, explosives, weapons, narcotics, currency, tobacco goods, and wood—including materials commonly used to construct weapons and explosive devices.

▶ **System Resolution:** Approximately 1.2 in x 1.2 in

▶ **Fully-integrated on-board computer:** Intel™ Core-Duo processor enables stand-alone operation without external PC connection. Microsoft Windows XP™ Operating System integrates with local area networks for remote viewing and control via Brijot Application Software and APIs.

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▶ **Imaging Speed:** MMW radiometer 12 frames per second (FPS)

SPECIFICATIONS

▶ **Power Supply:** SafeScreen Power Consumption: 220 W or 1.8 A (typical)Power Supply (UPS): Input: 120 V – 50/60 Hz; 6.2 A (maximum)

▶ **Detector Millimeter Wave Frequency:** 80 to 100 GHz (90 GHz center frequency, 20 GHz bandwidth)

▶ **Hardware Operating Temperature:** 0°C to 50°C (32°F to 122°F)

▶ **Software Operating Temperature:** Ambient air temperature not to regularly exceed 26°C (80°F)

▶ **Operating Humidity:** 0 to 95% RH (non condensing)

▶ **Dimensions:** (H x W x D): 214 cm x 159 cm x 147 cm (84.5 in x 62.6 in x 58 in)

▶ **Weight:** Net: approximately 473.6 kg (1044 lbs)

INTERFACES

▶ **Monitor Output:** 22 in monitor on articulating arm

▶ **Power:** System on switch and emergency power off (labeled EMO) mushroom button

▶ **External Control, Setup, and Monitoring:** 10/100 Ethernet, RJ45

▶ **Peripheral Interface:** Four USB 2.0 accessible via monitor

▶ **Keyboard/Mouse:** Keyboard with built in trackball mouse mounted on separate articulating arm

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The image displayed does not reveal any anatomical details. You cannot tell if the subject is male or female. Privacy is protected while safely and effectively detecting potential threats and contraband.

Brijot®