

Intercept



WE ANSWERED YOUR SECURITY SCREENING CHALLENGE.

Intercept is a low-level transmission X-ray full-body scanner that meets the needs of law enforcement, security professionals, and government authorities to detect hidden threats and contraband.

Shipped fully assembled, the Intercept is purpose-built for challenging installation sites. The compact footprint is only 34" (86 cm) wide and rolls through a standard doorway. Delivery and installation are quick and efficient. With no warm-up, you are ready to scan right away.

Previous generation dual-view scanners take a low-resolution scan of the entire body and a second high-resolution scan of the abdomen. This requires two X-ray sources and detectors, double the radiation exposure, and increased analysis time to examine the separate images. The vertical pane scanning technology in the Intercept eliminates these problems, acquiring a single high-resolution scan of the entire body in just four seconds.

Compliant with ANSI N43-17 Federal standards for general-use (daily) and limited-use (weekly) screenings, and ANSI N42.47 Federal standards for measuring image performance and quality, the Intercept's single focal beam produces images with no magnification or distortion, leading to easier identification of suspect items such as narcotics, weapons, and general contraband.



FEATURES

- Stationary subject
- Four-second scan time
- Ultra-compact 34" x 72" (86 x 183 cm) footprint
- Two-hour installation
- High-resolution scans
- Onscreen photo verification
- No warm-up period required
- Virtual wall technology
- Vertical pane scanning technology
- Biometric integration capable

For more information or to schedule a demo please contact sales@tek84.com.

TECHNICAL SPECIFICATIONS

General

Footprint (WxL)	34" x 72" (86 x 183 cm)
Height	90" (211 cm) fully assembled 79" (201 cm) with removable cap
Weight	720 lbs (328 kg)
Construction	Aluminum unibody construction, heavy duty casters and stabilizer feet

X-ray

Generator	1
Beam direction	Vertical
Safety	Utilize safety sensors or similar to assure that the subject is standing in the correct position while being scanned
Certification	ANSI/HPS N43-17.2009

Electrical

Power	100/120/230 VAC, 50/60Hz 800 watt (Tolerant of poorly regulated power)
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Environmental

Operation	32-120°F (0-50°C)
Humidity	Less than 95% non-condensing

Safety

General use dose	.25 µSv (25 µREM) per scan, suitable for daily screening
Limited use dose	Up to 3 µSv (300 µREM) per scan, suitable for weekly screening
Leakage	Inspection zone is the scanner footprint

Certification

Radiation Safety	ANSI/HPS N43.17-2009
Image Quality	ANSI/IEEE N42.47-2010

View Station

Monitor	Hi Brite, touchscreen, flat panel LCD Monitor
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Accessories

Tek READER	
Tek CONNECT	
Tek NET	

