

CX5030T

X-Ray Inspection System



Dual-energy X-ray inspection system • Widely used in a variety of applications



HIGH IMAGE QUALITY

Wire resolution of 40 AWG and steel penetration up to 16mm

EXPLOSIVES AND NARCOTICS DETECTION

Automatic according to atomic number signatures

THREAT IMAGE PROJECTION (TIP)

Practical solution for operator performance monitoring and training, reducing the probability of threat misses

COMPLIANT

Complies with all international safety and health standards: X-ray leakage around the equipment is close to natural background

COMPACT & ERGONOMIC

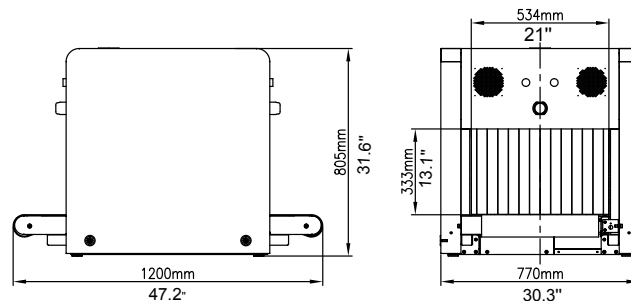
Compact structure and lightweight for rapid deployment. Keyboard and user interface design ensure efficiency

MODULAR DESIGN

Full built-in diagnostic facilities for streamlined service and maintenance

COMPREHENSIVE IMAGE FUNCTIONALITY

Supports stepwise, continuous and magnifier functions to enlarge images that can be saved and/or transferred to external storage in general image formats including BMP, JPG, GIF and TIFF



The compact STVS CX5030T is a next-generation dual-energy X-ray system engineered for seamless inspection of hand-held baggage, parcels, and briefcases. Weighing less than 465 pounds with tunnel dimensions of 21" wide by 13.1" high, CX5030T can be easily transported and rapidly deployed to meet evolving security needs.



Combined with optional automated explosives and narcotics detection, the reliability, image quality and materials classification of CX5030T make it an ideal solution for compact and secure locations including courtrooms, correctional facilities, mailrooms, embassies, and events.

Automatic detection of drugs/explosives. Colored alarm frame shows the system automatic alarm for the 5mm thin explosive.

TECHNICAL SPECIFICATION

Tunnel Dimensions	21 in (W) x 13.1 in (H)
Conveyor Speed	0.20m/s
Conveyor Height	6.3in
Max. Load	132 lbs

IMAGE PERFORMANCE

Wire Resolution	40 AWG
Steel Penetration	16mm
Display Resolution	1280 x 1024

IMAGE PROCESSING SYSTEM

Image Enhancement	Color/BW, negative, high/low penetration, organic /inorganic stripping, general enhancement, multi-absorptivity, and suspect material enhancement
Material Classification	According to atomic number signatures
ROI & Zoom	Step/stepless zoom, up to 32 times enlargement
Image Recall	Preceding images recallable
Image Storage Capability	Up to 100,000

MISCELLANEOUS FUNCTIONS

Standard Functions	Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, dual-direction scanning, system log, system standby and training, etc.
Other Functions	Explosives/narcotics detections, high-density area alert, threat image projection (TIP)

HEALTH AND SAFETY

X-ray Leakage	Less than 1 μ Gy / h (5cm from the housing) complying with all published international standards
Film Safety	Guaranteed for high speed film up to ASA/ISO1600 (33DIN)

INSTALLATION DATA

Dimensions	47.2 in (L) x 30.3 in (W) x 31.6 in (H)
Weight	462.9 lbs
Storage Temperature / Humidity	-40°F ~ +140°F / 5% ~ 95% (non-condensing)
Operating Temperature / Humidity	32°F ~ +104°F / 5% ~ 95% (non-condensing)
Power Supply	100VAC ~ 240VAC (-15% ~ +10%), 50 Hz/60Hz 3Hz
Power Consumption	0.5kVA