Human Body Inspection System

HT

HT2100TV

Inspection on and inside the body
High quality real time torso images
Widely used in a variety of applications

Non-contact torso inspection
No special motion required;focus on threats hidden in the body with one scan.

Superior inspection capability
Easily detects contrabands concealed under clothing, swallowed or concealed in body cavities: including metallic and non-metallic weapons, explosives, drugs, smuggled goods, mobile phones, jewelry, gems and precious metals.

Practical software
Provides image processing, database management, user management and training functions; LAN and WAN compatible enabling remote inspection, portable monitor and centralized management.

High quality images with threats assesment software
Provides high resolution and real time torso view images.Automatic threat assessment function is able to highlight areas with liquid and solid narcotics

Radiation safety
Dose level complies with the IAEA and ANSI N43.17 standards.

Convenient maintenance
Modular design provides easy installation and maintenance.
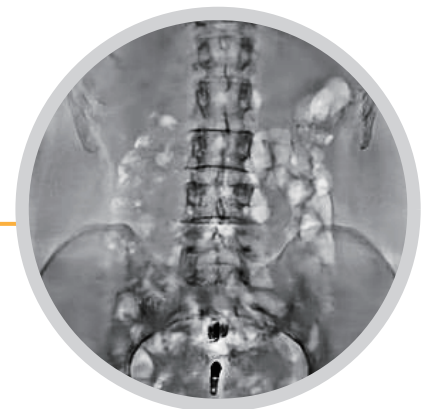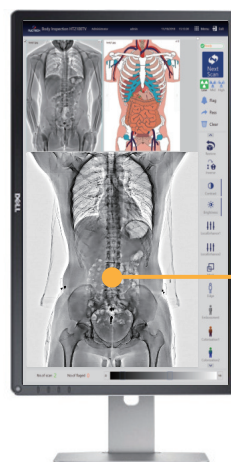
Widely used in a variety of applications
Can be used in correctional facilities, law enforcement, border crossings, special events, etc.

Inspection Items

Explosives		Drugs	
Weapons		Narcotic powder	
Handcuffs		Mobile phones	
Tools		Batteries	
Ceramic knives		Precious metal	

Scan Image

Dose Comparison

1

1 inspection ≈ 1 hour natural background

20

20 inspections ≈ 1 hour flight

400

400 inspections ≈ 1 Chest X-ray

Technical Specifications

General Specification

Inspection mode	Non-contact
Scan time	≤ 7s
Spatial resolution	Φ 1.0 mm line pairs
Wire detectability	38 AWG
Radiation dose for single inspection	0.25 ～ 5.0 µSv (adjustable)
Detection capabilities	Metal/non-metal weapons, explosives, drugs, liquids, etc.

Imaging Processing System

Standard operator number	1
Image acquisition mode	Real time
Image processing functions	Zoom & move, contrast & brightness adjusment, mark, enhancement, inverse, etc.
Image retrieval	Retrieve scanned images, track inmate cumulative dose.

Installation Data

System dimensions	1897 mm(H) x 2116 mm(W) x 2208 mm(D)
Tunnel dimensions	2100 mm(H) x 750 mm(W)
Weight	690 Kg
Power supply	100 ~ 120VAC / 200 ~ 240VAC, 50/60Hz
Power consumption	1.2 KVA
Operating temperature/Humidity	0 °C ～ + 40 °C / 0％ ～ 93％ (non-condensing)
Storage temperature/Humidity	-20 °C ～+ 60 °C / 0％ ～ 93％ (non-condensing)

Advanced Function

Optional features	Touchscreen, video surveillance, barcode scanner, remote control & management, safety railing & platform, dosimeter, fingerprint reader, etc.

Dimensions

2116

1897

1617

2208