

The INTERCEPTOR™ range of X-ray systems has been skilfully designed by experts in the X-ray security industry to deliver superior X-ray screening and threat detection with an intuitive human machine interface that enhances operator productivity.

Ease of use

INTERCEPTOR's easy to use control panel with touchpad interface enables operators to control the system using instinctive finger movements and eliminates the complexity of typical keypads with numerous keys.

An instinctive touchpad control and the intuitive graphic interface provided by X-Vision™ enables 'heads-up' screening so that operators can focus on identifying and resolving exceptions and threats.

Rapid and consistent threat detection

Additional feature sets such as user-programmable displays, on-board training modules, intuitive 'touch-screen' and multi-language support provide additional tools to optimise operator screening and threat detection performance.

Interceptor™ 100100DV is fully compliant with UK DfT and EU Air Cargo Regulations and incorporates current and emerging technologies to maximise operational efficiencies, ease of use and to optimise cost of ownership. Plus it can integrate with your network infrastructure and meet all applicable standards and regulations with respect to conveyor X-ray systems.



APPLICATIONS

- DFT & ECAC Compliant
- Parcel/Courier Screening
- Baggage Screening
- Regulatory Compliance
- Contraband Detection
- Dual-View Air-Freight Screening
- Mail Screening
- Goods Inward Areas
- Weapons Detection
- Ultra-High Security Areas

FEATURES

- Network Ready
- 'Heads-Up' Operation
- Intuitive Multi-Language User Interface
- X-Vision Imaging Software
- Touch-screen Option
- Optional Threat Image Projection (TIP)

GENERAL SPECIFICATIONS

Tunnel Dimensions:	1016mm (W) x 1016 mm (H)
Conveyor height:	820mm (adjustable)
Max conveyor load:	300kg (across conveyor)
Net weight:	1650kgs
Shipping weight:	1950kgs
Typical options:	Refer to separate datasheet for details of these options

X-RAY CHARACTERISTICS

Cooling:	Hermitically sealed oil bath
Beam direction:	Diagonally upwards
Nominal anode voltage:	2 x 200kV
X-ray dose (typical):	Standard 0.7 µSv
Duty cycle:	100%, no warm up required
High-penetration function:	Increases actual kV and actual penetration.

OPERATING CHARACTERISTICS

Power requirements:	110-230 C 50-60Hz
Power usage:	approx 0.2kVA
Operating/Storage temp:	0°C to 40°C / -20°C to 60°C
Humidity:	10% to 90% non-condensing
Sound pressure level:	<70dB(A)
Conveyor speed:	0.20 to 0.24 m per sec
X-ray safety:	Fully compliant with all known international standards

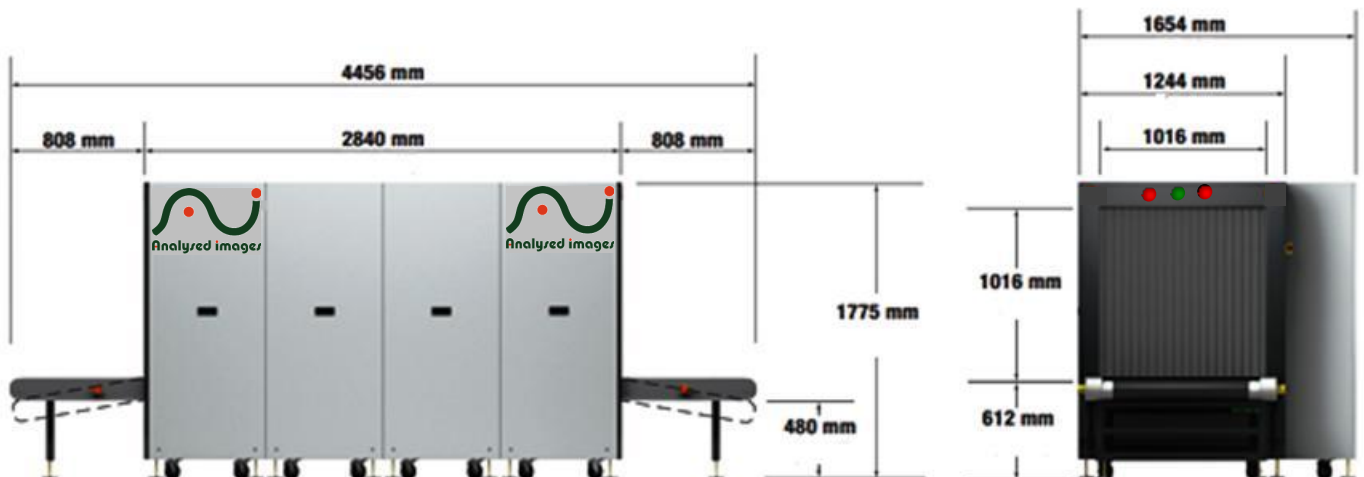
IMAGING PERFORMANCE

Image display:	22" HD TFT flat panel
Resolution (fine wire detection):	Typical 39AWG, standard 38AWG
Penetration (steel):	Typical 40mm, standard 37mm
Software:	X-Vision™ and Windows™ 10
Imaging functions:	Refer to X-Vision™ datasheet
Contrast sensitivity:	16 bit with 65,535 grey levels
Film safety:	Guaranteed up to ISO 1600 (33DIN)

OPTIONS AVAILABLE

Threat image projection
1m input rollers with supporting legs
1m output rollers with supporting legs
Sloping/Inclined Input Conveyor
Safety barriers

Upgraded conveyor load capacity
Upgraded anode voltage (up to 320 kV)
External UPS
Internal heater kit
Internal cooling kit



Specifications are current at the time of first publication and are subject to change to ensure continuing product enhancement. Analysed Images Interceptor™ X-ray systems comply with applicable international health and safety regulations for baggage-screening cabinet X-ray systems and are certified to be in full compliance with all radiation safety requirements and external emissions limits specified in the United States Code of Federal Regulations (21CFR1020.40) and United Kingdom Ionising Radiations Regulations 1999 (harmonised with EC Directive 96 / 29 Euratom).