

ULTRA HIGH PERFORMANCE DUAL-VIEW X-RAY SCREENING WITH LARGE 1m x 1m APERTURE:

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 the intuitive 'touch-screen' interface with multi-language support, user-programmable displays and on-board training modules provide additional tools to optimise operator screening and threat detection performance.

The 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.



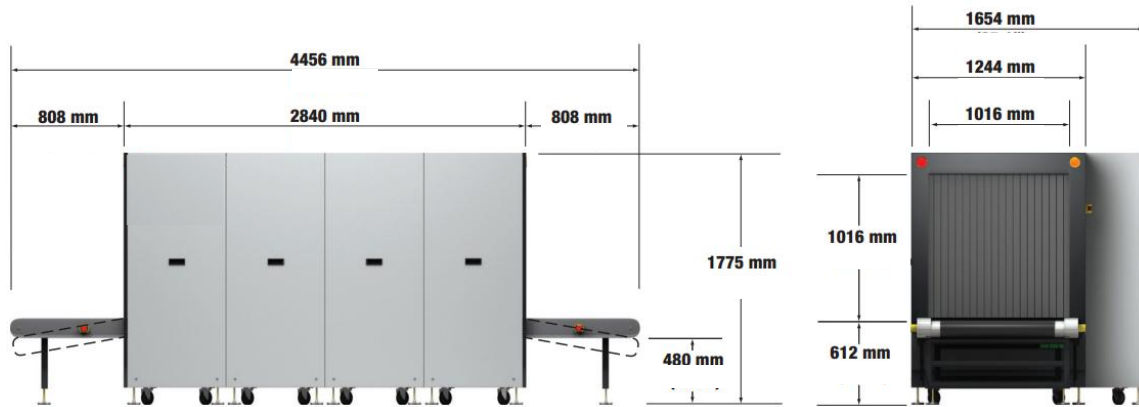
APPLICATIONS:

- DFT & ECAC COMPLIANT
- DUAL-VIEW AIR FREIGHT SCREENING
- PARCEL/COURIER SCREENING
- MAIL SCREENING
- BAGGAGE-SCREENING
- GOODS-INWARDS AREAS
- REGULATORY COMPLIANCE
- WEAPONS DETECTION
- CONTRABAND DETECTION
- ULTRA HIGH SECURITY AREAS

FEATURES

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

Interceptor™ 100100DV X-ray System



SUMMARY OF INTERCEPTOR 100100DV PERFORMANCE

GENERAL SPECIFICATIONS

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

OPERATING CHARACTERISTICS

- Power requirements: 110-230 VAC 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
- X-ray safety: Fully compliant with all known international standards
- Sound pressure level: <70dB(A)
- Conveyor speed: 0.20 to 0.24 m per sec

X-RAY CHARACTERISTICS

- Cooling: Hermetically 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
- Optional **unique real-time high-penetration** function: Increases actual kV and actual penetration.

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™ on Windows 8.1 Pro
- 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
- External UPS
- Sloping/Inclined Input Conveyor
- 1m input rollers with supporting legs
- 1m output rollers with supporting legs
- Safety barriers
- Upgraded conveyor load capacity
- Upgraded anode voltage (kV)
- Internal heater kit
- Internal cooling kit