

## ULTRA-HIGH PERFORMANCE INTERCEPTOR 5536 X-RAY SCREENING SOLUTION WITH A SPACE SAVING COMPACT FOOTPRINT

The INTERCEPTOR™ range of X-ray systems have been skilfully to deliver superior X-ray screening and threat detection with an intuitive human-machine interface that enhances operator efficiency and productivity

**Ease of use** – INTERCEPTOR 5536 X-Ray system has an 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 . 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™ 5536** has an industry unique highly compact footprint incorporating current and emerging technologies to maximise operational efficiencies, ease of use and optimisation of return on investment. The system integrates with network infrastructure conforming to all applicable conveyor X-ray standards and regulations.



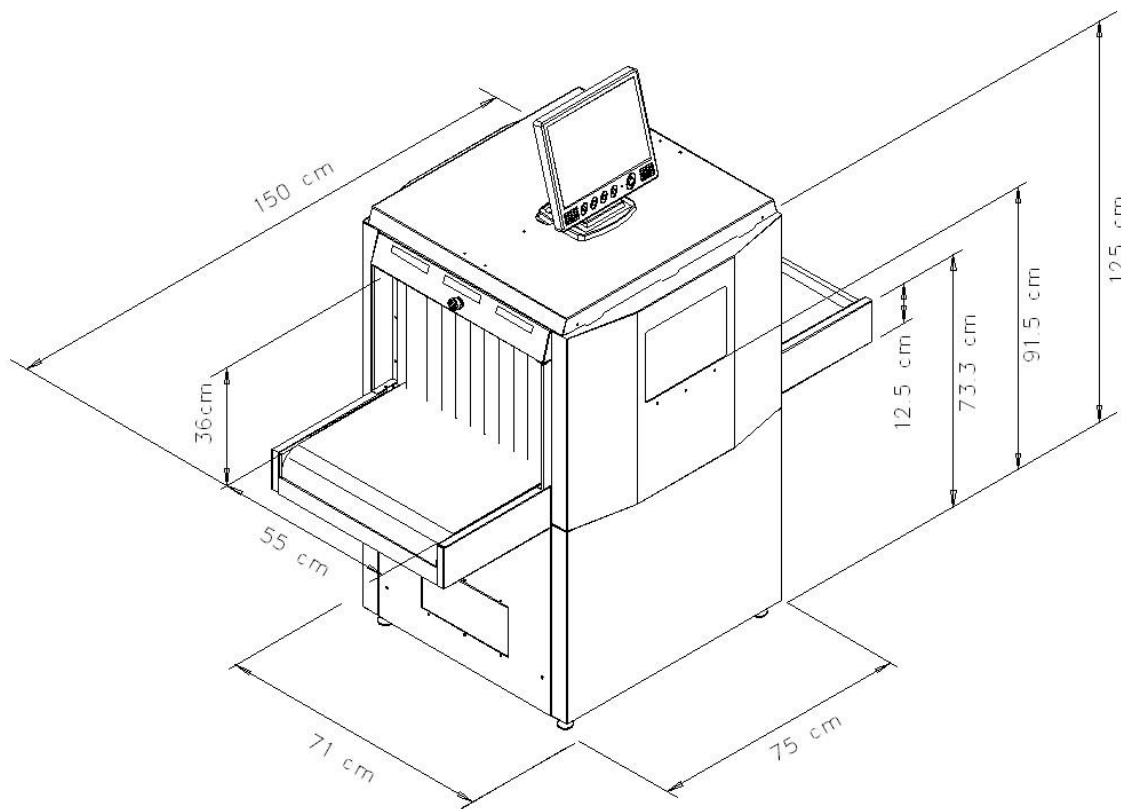
### APPLICATIONS...

- MAIL SCREENING
- PARCEL SCREENING
- PRISONS
- LAW COURTS
- EMBASSIES
- CORPORATE HQ's
- SPECIAL DELIVERIES
- WEAPONS DETECTION
- CONTRABAND DETECTION
- THEFT PREVENTION
- SECURITY AREAS
- GOODS-INWARD AREAS
- RECEPTION AREAS
- BUSINESS CONTINUITY PLANNING
- DISASTER MITIGATION
- HI-PERFORMANCE SCREENING

### FEATURES

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

## INTERCEPTOR™ 5536 SPECIFICATIONS



Machine overall width: **755mm** Tunnel aperture: **555mm** (wide) x **360mm** (high)

## SUMMARY OF INTERCEPTOR 5536 PERFORMANCE

### GENERAL SPECIFICATIONS

- Tunnel Dimensions: 550mm (W) x 360 mm (H)
- Conveyor height: 792 mm (adjustable)
- Max conveyor load: 160kg across conveyor
- Net weight: 370kgs
- Shipping weight: 395kgs
- 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
- Film safety: Guaranteed up to ISO 1600 (33DIN)
- 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: Hermitically sealed oil bath
- Beam direction: Diagonal upwards
- Nominal anode voltage: 160kV operating at 140kV
- X-ray dose (typical): Standard 0.7 µSv
- Duty cycle: 100%, no warm up required

### IMAGING PERFORMANCE

- Image display: High definition 22" TFT flat panel
- Resolution (fine wire detection): Typical 39AWG, standard 38AWG
- Penetration (steel): Typical 37mm, standard 35mm
- Aviation STP Compliance: Exceeds requirements of UK & ECAC EW-STP test-piece
- Software: X-Vision™ on Windows 8.1 Pro
- Imaging functions: Refer to X-Vision™ datasheet
- Contrast sensitivity: 16 bit with 65,535 grey levels