

ULTRA-HIGH PERFORMANCE X-RAY SCREENING SOLUTION WITH A SPACE SAVING COMPACT FOOTPRINT AND AN OVERALL LENGTH OF ONLY 1,647MM

The INTERCEPTOR™ range of X-ray systems has been uniquely designed to deliver superior X-ray screening and threat detection of baggage, parcel and mail applications, with an intuitive interface enhancing operator productivity and efficiency and minimising space requirements.

Ease of use

INTERCEPTOR's easy to use control panel with touchpad interface enables operators to control the system using instinctive finger movements eliminating the complexity of typical keypads. An instinctive touchpad control and intuitive graphic interface provided by X-Vision™ software enables 'heads-up' screening, allowing operators to 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 efficiency and threat detection performance.

The Interceptor™ 6545 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

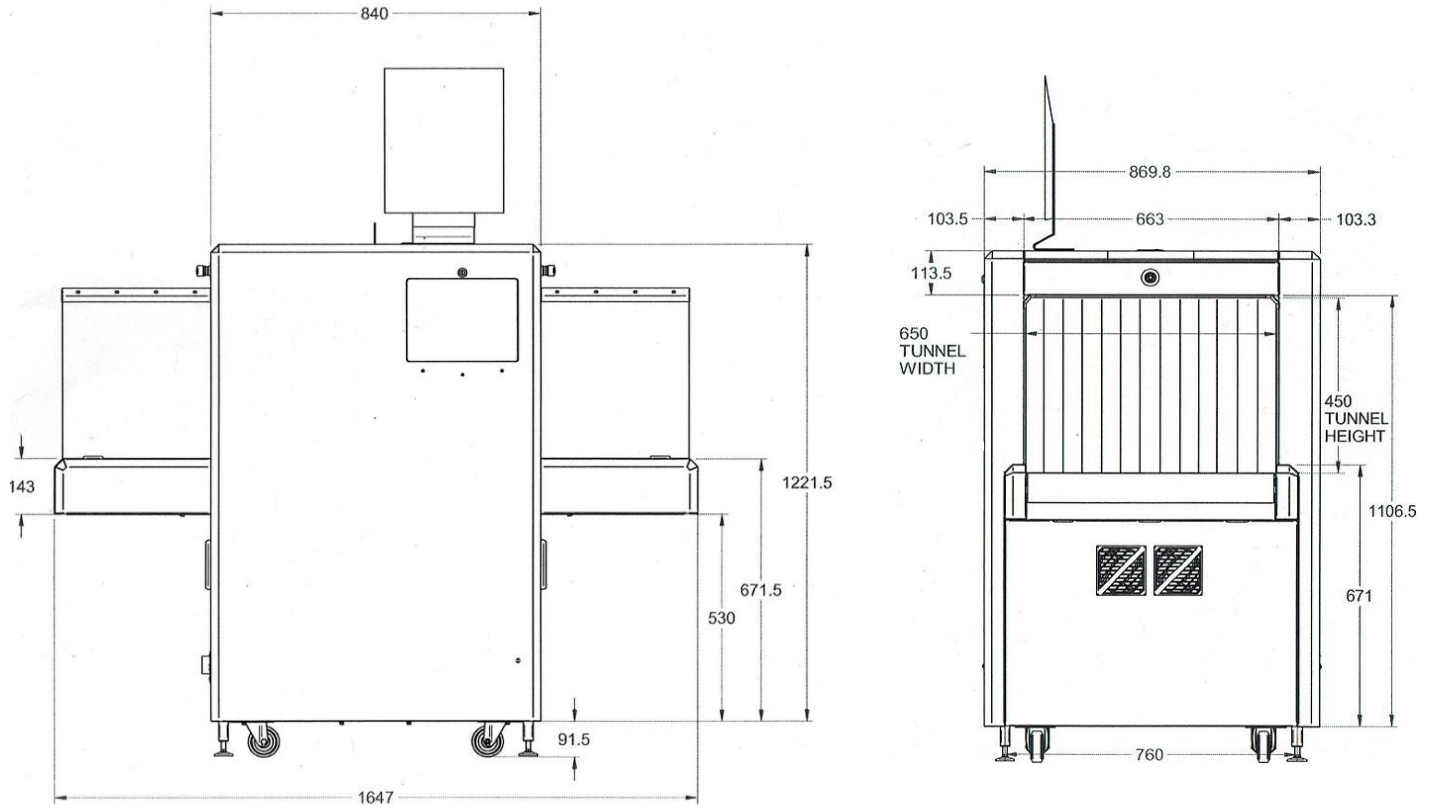
- MAIL SCREENING
- PARCEL SCREENING
- BAGGAGE-SCREENING
- PRISONS
- LAW COURTS
- EMBASSIES
- CORPORATE HQ's
- REGULATORY COMPLIANCE
- SPECIAL DELIVERIES
- WEAPONS DETECTION
- CONTRABAND DETECTION
- THEFT PREVENTION
- SECURITY AREAS
- GOODS-INWARD AREAS
- RECEPTIONS
- BUSINESS CONTINUITY PLANNING



FEATURES

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

Interceptor™ 6545 Specification :



Summary of Interceptor™ 6545 Performance

GENERAL SPECIFICATIONS

- Tunnel Dimensions: 650 mm (W) x 450 mm (H)
- Conveyor height: 763 mm (adjustable)
- Max conveyor load: 160kg across conveyor
- Net weight: 385kgs
- Shipping weight: 425kgs
- 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 145kV
- 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: 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