

OB-360pro

Transmission X-Ray People Screening System

Full-body security screening



The Orbiscan OB-360pro is presented as a low-dose transmission X-ray people screening system for head-to-toe inspection, designed to assist security personnel in detecting concealed items on or within the body.

KEY FEATURES

01**Head-to-toe screening**

Full-body image in a single inspection pass.

02**Concealed object detection**

Screens for items hidden internally or externally.

03**Rapid scanning**

Reference scan time: less than 7 seconds.

04**Low-dose inspection**

Reference radiation dose: less than 2.5 μ Sv per inspection.

05**Enhanced image review**

Zoom, filtering and image enhancement functions.

06**Security checkpoints**

Applicable to corrections, borders and aviation screening.

CORE SPECIFICATIONS

Technology Low-dose transmission X-ray	Screening Full body in one pass	Tunnel opening 2000 × 900 mm
Scan time Less than 7 seconds	Startup Less than 2 minutes	Belt speed Approx. 0.16 m/s
Dimensions (L × H × W) 2760 × 2530 × 1960 mm	Weight 880 kg	Loadcapacity More than 220 kg
Power consumption Less than 0.9 kVA	Power supply 220 VAC, 50/60 Hz	Operating temperature 0°C to 40°C

X-RAY GENERATOR & PERFORMANCE

Generator 60-140 kV, hermetically sealed oil bath	Wire detectability 32 AWG standard; 34 AWG typical
Cooling Oil cooled, closed circuit	Detector High-resolution semiconductor detector lines
Inspection dose Less than 2.5 µSv per inspection	Duty cycle 100%
Image acquisition Fan-beam line scan	

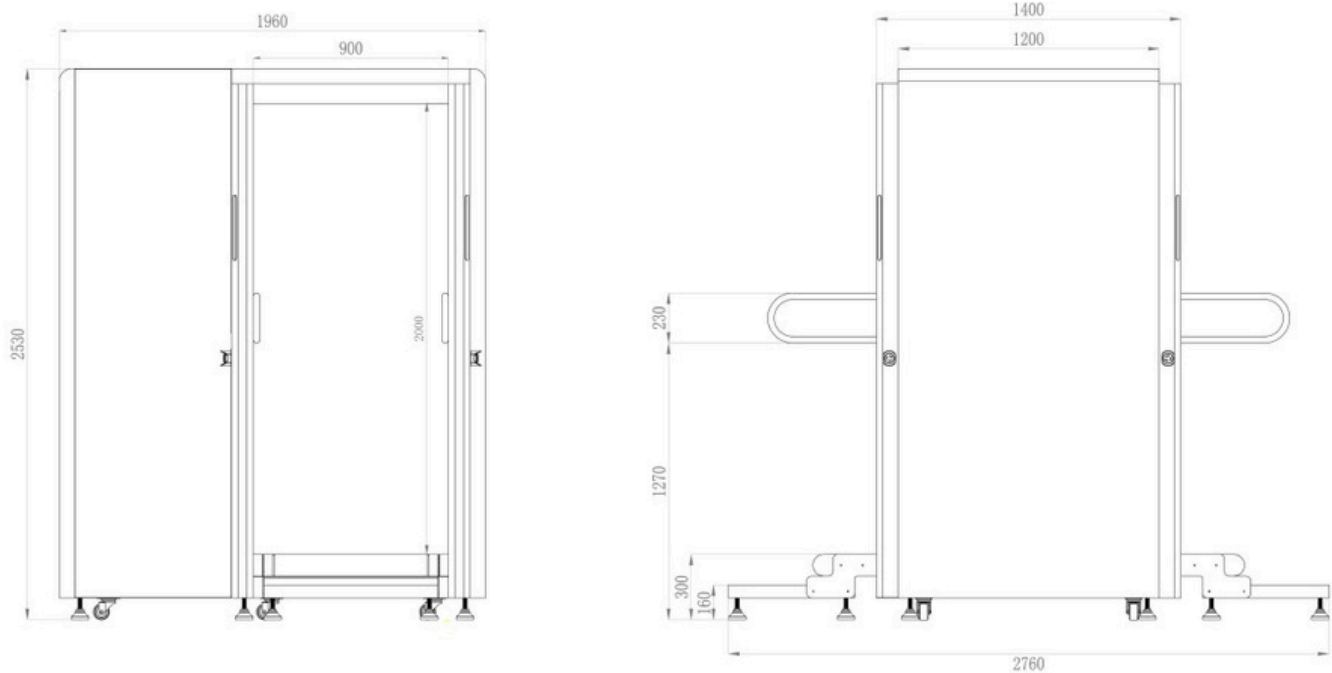
IMAGE PRESENTATION & OPERATIONS

Image output Full-body still image	Grey levels 65,536	Display Black and white TFT monitor
Evaluation Zoom, filters, enhancement	Scan method Person moved through beam	Physicalformat Open tunnel / in-line screening

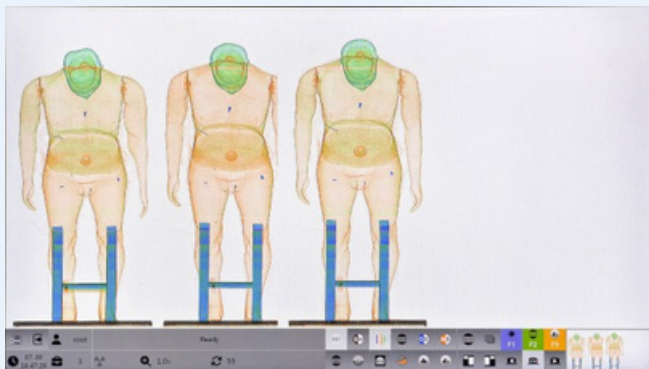
OPTIONAL CONFIGURATION

Image storage and loading | Networked data and image management | Database connectivity | Remote operator review | Operator table and programmable keys

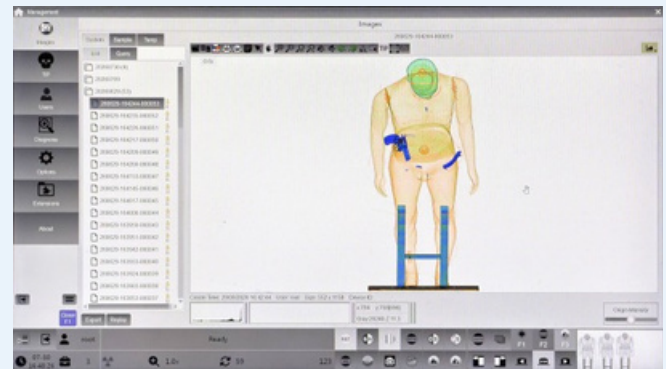
DIMENSIONS & PRODUCT REFERENCE



SCREENING IMAGES & SOFTWARE INTERFACE



SCREENING IMAGES



USER INTERFACE

APPLICATIONS

Correctional facilities

Contraband screening and controlled-access checks.

Customs & border crossings

Screening for concealed items at checkpoints.

Aviation security

Personnel security screening applications.

High-security locations

Inspection at restricted entry points.