ETSCAN-42340

EXPLL TECHNOLOGIES

BORDER CROSSINGS AND TRANSPORTATION FACILITIES

SECURITYCHECKPOINTS AND CORRECTIONAL FACILITIES

GOVERNMENTAL BUILDINGS AND COURTHOUSES

BANKS AND HOTEL COMPLEXES

CRUISE SHIPS AND CRITICAL INFRASTRUCTURE

X-Ray Inspection Systems ETSCAN-42340

is an advanced single-energy X-ray inspection system of hand luggage. With tunnel dimensions of 420mm × 340mm (W × H) it is ideal for screening hand luggage in hotels, ships, museums, offices, etc. Along with unmatched ergonomics, reliability and safety, X-Ray Inspection Systems **ETSCAN-42340** provide excellent image quality and improved material classification.

X -Ray Inspection Systems **ETSCAN-42340** has the function of automatic detection of explosives and drugs.

TECHNOLOGICAL FEATURES:

- High image quality with 36 AWG wire resolution and 14mm and 16mm steel penetration
- The X-ray dose rate around the equipment is close to the natural background level, which corresponds to all applicable international health
  standards and occupational safety
- Automatic detection of explosives /drugs
- TIP (projection of the image of dangerous objects) is a very effective way to train operators and control their work
- Functional stepwise, continuous and local scaling provides convenient and quick magnification of the received image
- Received images can be saved in common formats (BMP, JPG, PNG) and transfer to an external USB drive
- The ergonomic design of the keyboard and user interface ensures effective and professional work of X-ray system
- The modular design, combined with built-i diagnostics, ensures efficientmaintenance of the equipment
- Data transmission over a local network using TCP / IP protocols
- Information exchange with the system of technical monitoring results collection and control using a unified data transfer protocol and XML-based metadata format.

KEY FEATURES

· Power on self test (POST)
· Multilingual operation
· Secure access Key
· Threat alert and material classification
· Auto archiving
· Energy saving design
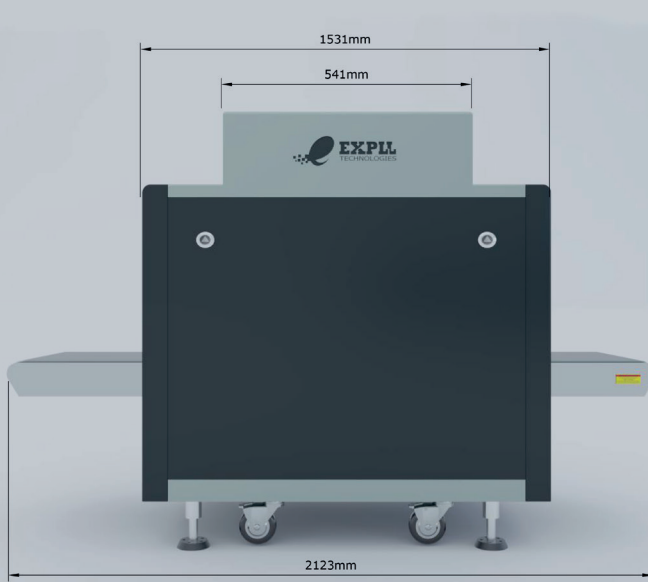· One key turn off
· Drugs and explosives inspection

CE FC FDA

ETSCAN-42340

TECHNICAL SPECIFICATIONS

PHYSICAL SPECIFICATIONS	
Dimensions (in mm)	L 1531 XW 668 X H 890
Weight of the Product	200 Kgs
Gross Weight	250 Kgs

General Specifications	
Power Requirement	230V AC (±10%), 50Hz
Power Consumption	0.5 KVA
Operating Temperature	-25℃ - 55℃
Storage Temperature	-25℃ - 55℃
Relative Humidity	0-90%, Non-condensing 95%
Features Power-on-self-test	Emergency Stop, Housing panel is open, Calibration fail, Detection system error, Hard drive missing
Image Display	High resolution of 024 1 X 1280 pixel
Image Enhancement	Colour/BW, Negative, High/Low Penetration, Organic/In-organic stripping, General enhancement and Pseudo colour.
Image Recall	30 preceding images recallable
Image Archive	Upto 1,00,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP and other general formats.
Real-time Curve	The real-time curve used to detect whether the acquisition system and components works normally.
Through Put	800 Bags/Hour
CCTV Surveillance (Add-on)	4 built-in Nano cameras with 4K resolution, 2 on Entry side & 2 on Exit side. The videos can be viewed through mobile.
Others	Fault diagnosis, System time setting, detection blind dots delete, Xray source setting (analogue or digital), alarm setting, images setting, software register, user management, TIP report, data setting (machine working time, x-ray source working time, baggage counter, etc.)

X-Ray Generator & Performance	
Tunnel Size (in mm)	W420X H 340
Anode Voltage	80 KV
Tube Current	0.3 mA
Steel Penetration	14-16 mm
Wire Resolution	36 AWG
Film Safety	ASA/ISO 1600
X-Ray Divergence Angle	80°
X-Ray Orientation	Diagonally Upward (from bottom to top)
Cooling / Duty Cycle	Oil Cooling / 100%
Leakage Radiation	1 .Op Sv/hr

Conveyor	
Speed	0.2 meter per second
Load Maximum	100 Kgs
Height from ground	273 mm

Industria l PC	
OS - Windows/Linux	Linux operated
RAM & Storage	2 GB RAM, 1TB HDD
Monitor	21.5" LED, resolution up to 1280 X 1024
Console (Add-on)	Single Screen Console

Certifications Compliance	
Certifications	* ISO19001; ISO14001; OHSMS18001; * CE RoHS * FDA FCC

ETSCAN-42340

DIMENSIONS

1531mm
541mm

LEFT SIDE

2123mm

668mm
423mm
333.5mm
860mm

FRONT

OPTIONS

DUAL MONITOR OPERATOR STAND

AIRPORT SECURITY SCANNER CONVEYOR TRAYS

SINGEL MONITOR OPERATOR

OPERATOR DESK

TOUCH SCREEN OPERATOR STATION

ROLLER TABLES IN DIFFERENT LENGTHS