

# CCX™ 5.4 X-ray System

## CCX<sup>™</sup> 5.4 X-Ray System

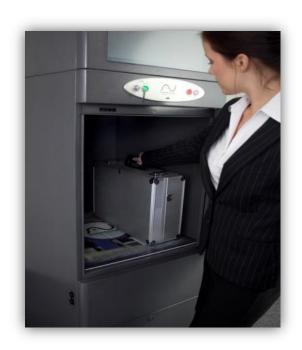
Fast accurate threat detection with high performance screening systems designed for environments where space is at premium incorporating user friendly features that are easy to use, reliable and deliver superior imaging quality with an intuitive user-friendly interface.

Screening mail, parcels and baggage for threat items is simple, fast and highly efficient with Analysed Images' range of compact, movable cabinet X-ray systems. Ergonomically designed these systems can be operated by a single, non dedicated user for a wide range of applications and environments.



#### **APPLICATIONS**

- EXECUTIVE MAIL
- POSTAL/MAIL ROOMS
- SPECIAL DELIVERY PARCELS
- WEAPONS & CONTRABAND DETECTION
- THEFT PREVENTION
- SECURITY AND GOODS DELIVERY
- PUBLIC RECEPTION AREAS
- POWDER INSPECTION



### **FEATURES**

COMPACT FOOTPRINT (WILL FIT IN A CORNER) ● FULLY ENCLOSED X-RAY CHAMBER ● RELOCATABLE AND MOVABLE IN MINUTES ● FAST RESPONSE TO ENHANCED RISK AREAS ● NETWORK READY ● TIP (THREAT IMAGE PROJECTION) ● X-VISION IMAGE ANALYSIS ● REGION OF INTEREST INSPECTION ● LOW MAINTENANCE COST



## CCX<sup>™</sup> 5.4 X-ray System

## SUMMARY OF CCX™ 5.4 X-RAY SYSTEM TECHNICAL & PERFORMANCE DATA

## **IMAGING AND PERFORMANCE**

Imaging software

Image presentation

Image capture resolution

Image display

Resolution (wire detectability)

Contrast sensitivity

Image storage formats

Network security

Computer processor

Operating system

Memory and storage

Penetration (steel)

Dual energy (optional)

X-Vision™

B&W pseudo-colour materials discrimination 1.2 to 2.3 megapixels digital image capture

High definition 22" TFT flat panel

36 to 44 AWG

8 + 16 Bit 255 (up to 65.535 grey levels)

Industry standard formats including: TIFF, JPEG & BMP Multiple users, multiple authority levels & secure logon

Intel Dual Core Hyper-threading

Windows 8™

4GB RAM. USB 2.0 interface (including image storage)

120 or 128GB SSD = 50,000 + images (subject to format)

Optional; 500GB HD

Single energy 3mm Dual energy 16mm

Materials discrimination i.e. Organic/In-Organic and

Other materials (metal)

#### **GENERAL SPECIFICATIONS**

System Dimensions

Inspection chamber dimensions

Imaging area (max object size)

Max object load (evenly distributed)

Power requirements

Construction

Standard colour and finish

1407 (H) x 515 (W) x 664 (D) 539 (H) x 460 (W) x 583 (D) mm

449 (W) x 569 (D) mm

100kg (low energy) 140kg (multi-energy)

110 - 230 VAC 50 - 60 Hz

Steel with lead liner

Heavy duty satin interpon 610 boron

(custom finishes available)

## **SYSTEM WEIGHTS**

Weight

(low energy) net 219kg gross shipping 242kg (dual energy) net 225kg gross shipping 285kg

#### X-RAY GENERATOR

Duty cycle

Cooling

Beam orientation & direction

Detector configuration

Nominal anode current

Nominal anode voltage

100% no warm up procedure required

Hermetically sealed oil bath

Vertical downward conical

High definition fluoroscopic scintillator

1.2mA to 5.0mA

90kV (low energy) 50-160kV (dual

energy)

#### **ENVIRONMENTAL**

Operating temperature

Storage temperature

Humidity

Airborne noise level

Power usage

- 5° to +40°C

-10 to +50°C

0% to 96% non-condensing

< 30db (A)

135w standby, 400w X-ray exposure

