

CCX™ 5.4

X-ray screening of large hand-carried baggage and parcels with an ultra-compact footprint



CCX™ 5.4 delivers optimal versatility for accurate threat detection in baggage, parcels and mail. CCX™ 5.4's large inspection chamber and compact footprint enables larger objects to be screened by a single operator whilst preserving valuable floor space.

Powerful X-Vision™ software in each CCX™ 5.4 produces superior imaging results and threat detection with an intuitive user-interface and a comprehensive suite of image analysis functions.

Analysed Images' range of compact, movable cabinet X-ray systems deliver reliability and ease-of-use in an attractive, ultra-compact and ergonomic package. CCX™ systems are full-protection cabinet systems that can be operated in a wide range of applications and environments by a single, non dedicated user.

FEATURES

- Ultra-compact footprint
- Easy to use
- Network Ready
- Windows 10 operating system
- X-Vision™ software
- Full-protection X-ray chamber
- Quick, single-person operation
- Quick relocation within minutes
- Threat Image Projection (TIP)
- Region of Interest Inspection



APPLICATIONS

- Weapons & Contraband Detection
- Executive Mail
- Postal / Mailrooms
- Special Delivery Parcels
- Hand-carried baggage
- Theft Prevention
- Goods Delivery
- Public Reception Areas

Flexible interface location



Intuitive, user friendly interface



Soft edge styling & finish



GENERAL SPECIFICATIONS

Imaging area (max object size)	449 mm (W) x 569 mm (D)
Max object load (evenly distributed)	100kg (low energy) 164kg (multi-energy)
Power requirements	230 VAC +-10%, 50-60 Hz/110 VAC +-10%, 50-60 Hz
Construction	Steel with lead lining for radiation protection
Standard colour and finish	Heavy duty satin interpon 610 boron (custom finishes available)

X-RAY GENERATOR

Nominal anode voltage	90kV. Optional 60kV to 160kV on multi-energy systems.
Nominal anode current	1.2mA – 5.0mA
Cooling	Hermetically sealed oil bath
Beam orientation and direction	Vertically downward beam

IMAGING AND PERFORMANCE

PC Characteristics

Operating system	Microsoft Windows™ 10
Imaging software	X-Vision™ (separate data sheet available)
Computer processor	Intel™ Quad-Core Hyper-threading (or higher)
Memory and storage	4GB RAM, 120Gb SSD, dual USB ports. Optional HDD.

Imaging Characteristics

Image capture resolution	1.2 megapixels. Optional 2 megapixels and 5 megapixels.
Contrast sensitivity	65,535 grey levels
Image display	22" TFT flat panel. Optional 19" integrated touch-screen.
Resolution (wire detection)	40-44 AWG
Penetration (steel)	Single energy 3mm. Dual energy 16mm.
Image enhancement tools	Full suite of enhancement tools available. Refer X-Vision™ technical data sheet.
Materials discrimination	Tri-materials discrimination available on multi-energy systems.

Image Storage

Image archiving capacity	Storage (>100,000 images) on PC memory. Additional storage via USB flash drive.
Image storage formats	TIFF (16 bit and 8 bit), JPEG, BMP and other formats.

Network capability

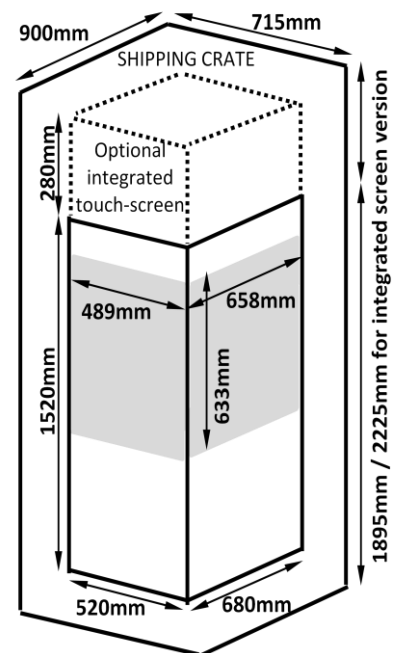
Network capability	Gigabit Ethernet. Optional 802.11g/n.
Network security	Multiple users, multiple authority levels & secure logon
Database security	System database located on protected drive

DIMENSIONS & WEIGHTS

System Dimensions	520 mm (W) x 680 mm (D) x 1520 mm (H)
Inspection chamber dimensions	440 mm (W) x 580 mm (D) x 540 mm (H)
Weight - Single energy systems	160 kg (net) 227 kg (gross shipping)
Weight - Multi-energy systems	195 kg (net) 270 kg (gross shipping)

ENVIRONMENTAL

Operating temperature	-5° to +40°C
Storage temperature	-10 to +50°C
Humidity	0% to 96% non-condensing
Airborne noise level	< 30db (A)
Power usage	135w standby, 530w X-ray



Specifications are current at the time of first publication and are subject to change to ensure continuing product enhancement. Analysed Images CCX™ systems comply with applicable international health and safety regulations and are certified to be in full compliance with all radiation safety requirements and external emissions limits specified in the United States Code of Federal Regulations (21CFR 1020.40) and United Kingdom Ionising Radiations Regulations 2017 (harmonised with EC Directive 96 / 29 Euratom).