Allen + Co
Caribbean Inc.

FULL PRODUCT BROCHURE

DUAL-VIEW CABINET X-RAY

XRC 100-100DV

*in partnership with **XRC***

TSA ACSTL + STAC certified dual-view X-ray for large parcels and freight.

Allen + Co
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Artemis House · 67 Fort Street
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KY1-1111

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OVERVIEW

About the XRC 100-100DV

The XRC 100-100DV is a TSA ACSTL and European STAC certified dual-view cabinet X-ray system for medium and large bags and packages. Two X-ray generators deliver horizontal and vertical images in a single scan, making it ideal for high-traffic checkpoints, customs, transit hubs, prisons and courier depots.

KEY BENEFITS

- TSA ACSTL and STAC certified
- Dual-view imagery in a single scan
- Organic, inorganic and metallic discrimination
- Multi-energy viewer with 4–6 colour palette
- Safety interlocks and anti-tamper construction

WHO IT'S FOR

High-traffic checkpoints, customs, metros, ferries, prisons, international logistics

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FEATURES

Complete feature list

- Two X-ray generators (vertical + horizontal)
- Virtual Threat Image Projection (TIP)
- 100,000+ image manual/automatic archive
- Annotated archive and multi-language UI
- Generator timer, auto-stop conveyor, emergency stop
- Optional remote viewing + Network Supervisory System

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TECHNICAL SPECIFICATIONS

Full datasheet

SPECIFICATION	DETAIL
Tunnel (WxH)	1000 x 1000 mm (39.37 x 39.37 in)
Dimensions (LxWxH)	3650 x 1810 x 1865 mm (143.70 x 71.26 x 73.43 in)
Weight	~1,340 kg (2,954 lb)
Conveyor height	335 mm (13.19 in)
Conveyor load	200 kg (441 lb) distributed
Anode voltage	180 kV (operating at 165 kV)
Tube current	1.0 mA
Steel penetration	37 mm guaranteed / 39 mm typical
Wire resolution	38 AWG guaranteed / 40 AWG typical
Power	110/220 V AC ±10%, 50/60 Hz, 12 A / 6 A
Operating / Storage temp	0 to 40 °C / -20 to 50 °C
Humidity	0–95% non-condensing
Compliance	TSA ACSTL, STAC, US FDA 21 CFR 1020.40, CE, FCC, IEC, IP20

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APPLICATIONS

Where it deploys

The XRC 100-100DV is deployed across the Caribbean in the following environments:

- High-Traffic Checkpoints
- Metros / Ferries / Train Stations
- Customs Borders
- Prisons
- Courier Depots
- International Logistics

LIFECYCLE SUPPORT

Commissioning, 24/7 maintenance, OEM-certified technicians, approved spare parts, upgrades and life-extension programs — all handled by Allen + Co. across the Caribbean. Training is delivered in partnership with FESTI at Toronto Pearson for ARFF and NFPA-aligned certifications.

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LET'S TALK

Ready to modernise your operation?

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