# XRC 100-100HCDV

**unival group**

- **POLICE & JUSTICE**
- **AIRPORTS & BORDER CROSSINGS**
- **GOVERNMENT-BUILDING**
- **DISTRIBUTION CENTERS LOGISTICS HUBS**
- **CUSTOM**
- **CRITICAL INFRA-STRUCTURE**

TRANSMISSION X-RAY TECHNOLOGY

**XRC 100-100HCDV** x-ray baggage scanner has high conveyor unit and dual view system together. The machine itself facilitates the operators use thanks to the various image processing functions, hazard alarm, advanced computer technology and the best in class software. It provides exceptional ease in detecting threats such as cutting tools, explosives narcotics and minimizes the error rate.

Thanks to its multi-diode structure and quality in imaging of scanned objects, image is colored based on density and shows organic, inorganic and mixed materials in different tones. With the help of 2 generator sources, it provides high resolution and detailed imaging in horizontal and vertical angles. The images can be accessed with a single scan without the need to re-place the packages in a different orientation. Thus, hidden objects in the luggage are detected more easily and quickly It is designed with the latest technology to scan medium and large bags and packages.

Post offices high traffic checkpoints as city transportation (metro, ferry, train stations), customs border crossings, prisons, and courier depots, like international logistics companies, goods acceptance points and etc. are its main areas of application.

# STANDARD FEATURES

- Programmable Function Keys
- Parcel Counter
- Date and Time Display
- Virtual Threat Image Projection (TIP)
- Organic/Inorganic Threat Alarm
- Operator Training Program (OTP)
- UPS (For Computer Supply)
- Multi Languages
- Self Diagnosis
- Generator Timer
- Automatic Stop Conveyor

# OPTIONAL FEATURES

- Barcode Reader System
- External Camera Archiving
- Remote Viewing Station
- Recheck Station
- Network Supervisory System (NSS)
- Remote Access Connection
- Smart Card Login

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For more information contact us directly at:

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# TECHNICAL SPECIFICATIONS

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|---|---|
| **TUNNEL SIZE** | 1,000 mm x 1,000 mm |
| **DIMENSIONS** | 3,905 mm x 1,925 mm x 1,830 mm |
| **APPROX. WEIGHT UNPACKED** | ~1420 kg |
| **CONVEYOR HEIGHT** | 750 mm |
| **CONVEYOR LOAD CAPACITY** | 200 kg Evenly Distributed |
| **SYSTEM POWER** | 110/220V AC ± 10% 50/60 Hz, 5amp max. |
| **CONVEYOR SPEED** | 0.20 m/sec. Forward or Reverse |
| **STEEL PENETRATION** [1] | 37 mm guaranteed; 39 mm typical |
| **WIRE RESOLUTION 1** | 38 AWG guaranteed; 40 AWG typical |
| **ANODE VOLTAGE** | 180 kV, operating at 160 kV |
| **TUBE CURRENT** | 1.0 mA |
| **BEAM DIRECTION** | Vertically downward |
| **ARTICLE SEPARATION** | Low Z, Medium Z, High Z to 0.5 Z Accuracy |
| **COOLING** | Oil and forced air cooling |

# COMPUTER SPECIFICATIONS

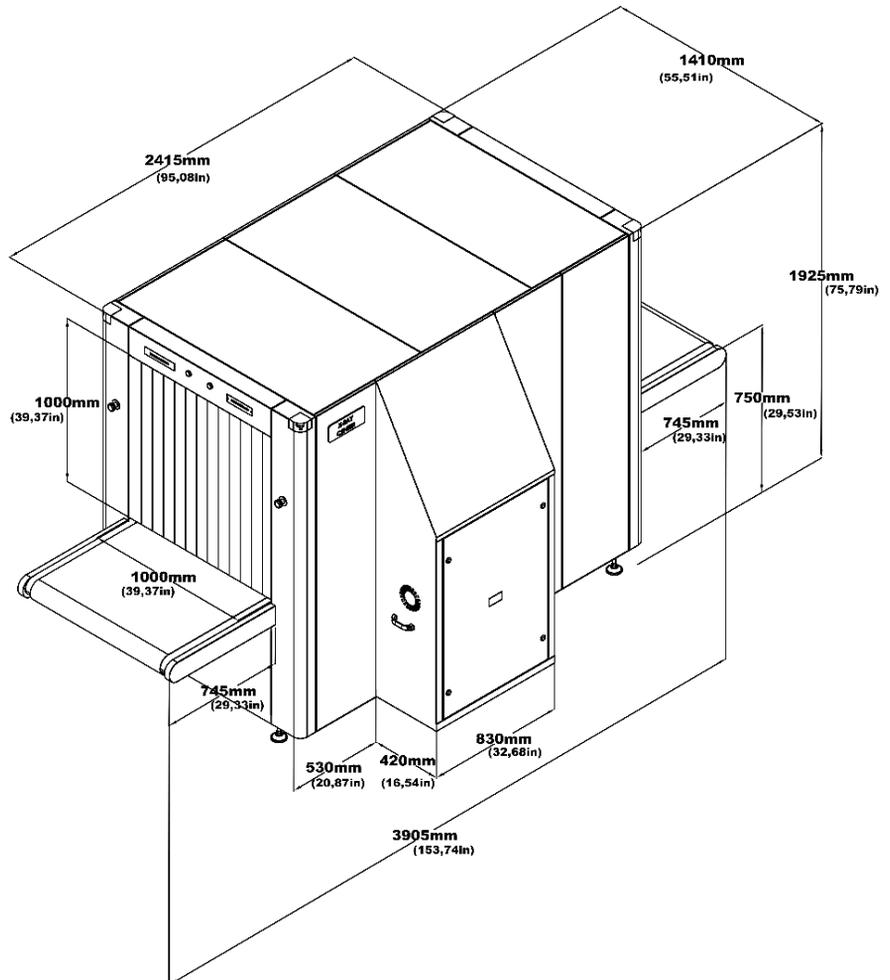| | |
|---|---|
| **PROCESSOR** | Intel® Core™ i5 (or superior) |
| **MONITOR** | 21.5" Flat (or superior) |
| **MEMORY** | 4 GB RAM (or superior) |
| **VIDEO CARD** | 2 GB (or superior) |
| **HARD DRIVE** | 1 TB (or superior) |
| **USB PORT** | 6 port (or superior) |
| **OPERATING SYSTEM** | Linux |

[1]As tested on X-Ray Center Ltd. test piece. Conveyor speed is 0.20 m/sec. Products certified as TSA, ECAC and so on are available as an option. Please inquire from your dealer. Due to continuous product development, X-Ray Center reserves the right to change specifications without notice.

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# OPTIONAL ACCESSORIES

- External UPS (For system)
- Operator Console (Open-Closed/Adjustable/I-stand)
- 21,5''- 27'' Flat Monitor
- Input / Output Rollers
- Test Kit (STP/ASTM)
- Protective Cover
- Search Table
- Tray Return System (Motorized/Gravity)
- Inclined Conveyor
- Ultrasonic Rat Repellent
- Radiation Meter

# STANDARD IMAGE PROCESSING FEATURES

- Perfect View (Detail Enhancement) (PV)
- Edge Enhancement (EE)
- Pseudo Color (PS)
- Organic Materials (OM)
- Inorganic Materials (IM)
- Black & White (B/W)
- Inverse Colors (IN)
- High Penetration (HP)
- Variable Edge Enhancement (+E −E)
- Variable Density (+D −D)
- Variable Gamma (+G −G)
- Variable Color Separation (+C −C)
- Zoom (64x)
- Sniper Zoom
- Recall Previous Images
- Manual/Automatic Archive
- Annotated Archive
- Multi Energy Viewer (4 − 6 Color)
- Atomic Number Display (Z Value)



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