

MOBIL CARGO
X-RAY IMAGING SYSTEM

XRC 85-85 VAN



This is the **combine system of x-ray luggage scanner security device and van**. X-ray security device integrated into a van. Due to its mobility, foldable rollers and easy operation, it is frequently used especially at customs gates. It enables easy scanning in places where inspection with fixed devices is not practical. The operator can easily scan the packages from the inside of the vehicle without being exposed to the harsh weather conditions outside the vehicle.

Thanks to the flexible deployment, high resolution image analysis and its Linux operating system, suspicious images can be re-analyzed quickly and conveniently by operators. It can be easily used in areas where scanning conditions are not ideal.

XRC 85-85 x-ray baggage scanner 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 and provides the ideal solution for locations where security screening is required like customs, airports, high level events.

XRC x-ray security device can be modified or customized according to your VAN configuration. Available also for XRC 100-100 and XRC 100-100DV in different vehicle configuration.

TECHNICAL DATA XRC 85-85 VAN

X-RAY DEVICE PHYSICAL PROPERTIES

Tunnel Size	: 865 mm x 865 mm
(W x H)	: 34,06 in x 34,06 in
Conveyor Height	: 335mm (13,19 in)
Conveyor Load Capacity	: 200 kg (441 lbs.) Evenly Distributed
System Power	: 110/220V AC ± 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 37 mm guaranteed; 39 mm typical
Wire Resolution ¹	: 36 AWG guaranteed; 38 AWG typical
Anode Voltage	: 170kV, operating at 160kV
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

OPERATING ENVIRONMENT

Storage / Operating Temperature	: -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity	: 10% to 90% non-condensing

HEALTH AND SAFETY

All X-Ray Center Ltd products meet all applicable international health and safety regulations.
US FDA Federal Standard 21CFR 1020.40
Health and Safety at Work Act 1974-compliant 6 : Available
Film Safety : ISO 1600 / 33 DIN
CE Compliance : Certified
FCC & IEC Compatibility : Available
IP 20 Safety : Certified
Maximum level of radiation the exterior panels come in contact with is 0.1 mR/hour

STANDARD FEATURES

Bi-directional Scanning
Intercom System
Portable Generator (For all system)
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 ACCESSORIES

External UPS (For system)
21,5"- 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Ultrasonic Rat Repellent
Radiation Meter

OPTIONAL FEATURES

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

VEHICLE INTERIOR FEATURES

Driver seat height adjustable
Adjustable height steering wheel
Air conditioning - Front, filter-air pollen purifier
Power point socket - 2 x 12V
Power point - 150 Watt (230 volt) power converter
Storages - Front door map pockets & Driver's side
Underseat & Overhead
Bottle holder - Twin, 2-litre bottle capacity
Driver seat and two passenger seats

X-RAY DEVICE STANDARD IMAGE PROCESSING FEATURES

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

VEHICLE TECHNICAL SPECIFICATION

Engine	: 275Hp, 352Nm max. torque
Transmission	: 6-speed (Manual or Automatic)

VEHICLE SAFETY FEATURES

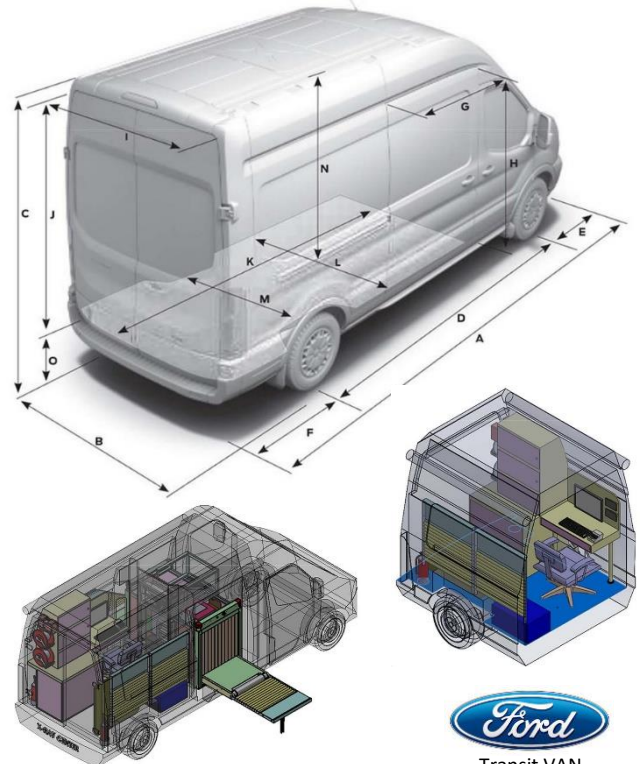
Driver and passenger airbags
Passenger side airbag cut-off switch
Safety Canopy® side-curtain
Side wind stabilization
AdvanceTrac® w/Roll Stability Control™
Tire Pressure Monitoring System (TPMS)
Hill Launch Start Assist
Safety belts

VEHICLE EXTERIOR FEATURES

Door mirrors
Halogen head lamps
Front bumper
Side door moldings
Roof marker lamps
Clearance lamps
Rear tail lamp

VEHICLE DIMENSIONS

A- Overall length	: 5981 mm
B- Overall width with mirrors / without mirrors	: 2059 mm / 2474 mm
C- Overall height	: 2530 mm
D- Wheelbase	: 3750 mm
E- Front of vehicle to rear wheel centre	: 1023 mm
F- Rear of vehicle to rear wheel centre	: 1208 mm
G- Side door entry width	: 1300 mm
H- Side load door entry height	: 1700 mm
I- Rear door / Tailgate entry width	: 1565 mm
J- Rear door / Tailgate entry height	: 1748 mm
K- Maximum loadspace length	: 3533 mm
L- Maximum loadspace width	: 1784 mm
M- Loadspace between wheel arches	: 1392 mm
N- Load floor to roof	: 1886 mm
O- Loading height	: 592 mm



¹As 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 and car brand without notice.

