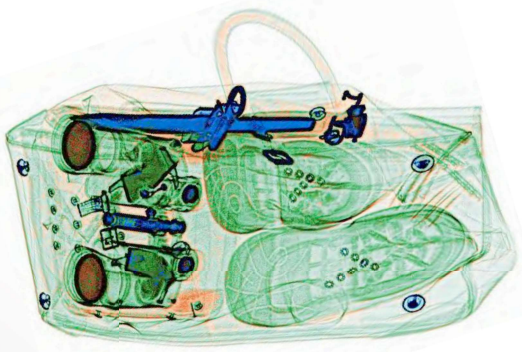
ADANI | X-RAY BAGGAGE INSPECTION SYSTEMS

BV 6080

TRANSMISSION X-RAY TECHNOLOGY

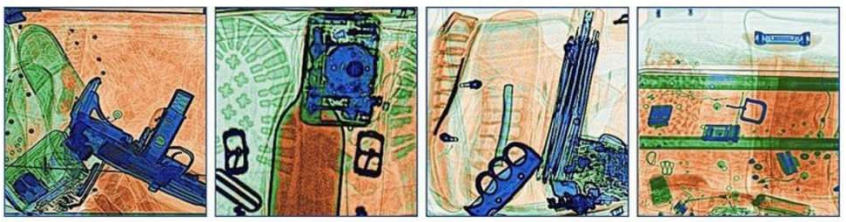


Especially designed for customers requiring the inspection of check-in rolling luggage, handbags, boxes, and parcels without opening them.

ADANI Systems BV 6080 is provided with dual energy features, threat detection algorithms, adjustable density alert function, enhanced archive and TIP features.

An ergonomic workstation with operator console provides easy to use operation.

ADANI Systems BV 6080 allows identification of weapons, explosives (including plastic explosives), drugs, primers, and dangerous objects, which are safety hazard.



- BORDER CROSSINGS
- TRANSPORTATION FACILITIES
- AIRPORTS
- SECURITY CHECKPOINTS
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- GOVERNMENTAL BUILDINGS
- COURT HOUSES
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- HOTEL COMPLEXES

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BV 6080

KEY FEATURES

- PROVEN RELIABILITY
- SIMPLE INTERFACE
- EASY TO USE AND HIGHLY EFFECTIVE
- REAL-TIME SELF-DIAGNOSTICS
- AUTOMATIC IDENTIFICATION OF SUSPICIOUS OBJECTS
- MULTILANGUAGE INTERFACE
- QUICK START-UP AND SHUTDOWN
- THE FAULT-TOLERANT CONFIGURATION OF THE SYSTEM

OPTIONS

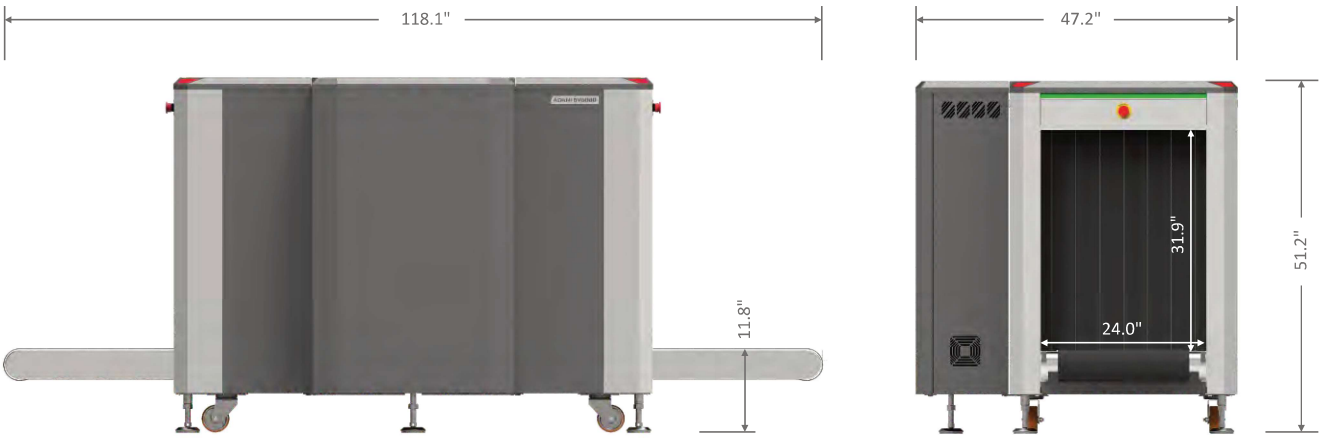
- ENTRY / EXIT ROLLERS OF VARIOUS LENGTH
- OPERATOR'S DESK
- SET OF TEST OBJECTS
- TWO MONITORS FUNCTIONALITY
- TOUCHSCREEN OPERATION
- RAMP
- UNINTERRUPTIBLE POWER SUPPLY

Specifications

Tunnel dimensions (WxH)	24.0" x 31.9"
Conveyor speed	0.49 ± 0.06 mph
Load on the conveyer	397 lbs
Anode voltage	Standard 140 kV / High 160 kV
Steel penetration in high mode	GUARANTEED 1.34" TYPICAL 1.42"
Wire detectability	40 AWG
Dual-energy detector	Yes
Number of colors within the X-ray image	7 and 3
Dimensions (LxWxH)	118.1" x 47.2" x 51.2"
Weight	1543 lbs
Power Supply	120/230 VAC ± 5%, 50/60 Hz
Power Consumption	Max 0,9 kVA
Operating temperature	from 32 to 104 °F
Humidity	up to 90%, non condensing

List of software features available to an operator

- Automatically calibrating and normalizing the X-ray detector
- Highlighting optically dense objects
- Adjusting contrast of strongly absorbing objects
- Inverting images
- Gamma-correction of images
- Optimizing the overall contrast
- Coloring substances with atomic numbers from a selected range
- Pseudocoloring of images
- Displaying organic objects with atomic numbers equal to 7, 8, and 9
- Displaying substances according to a selected range of signal strength
- Zooming images up to 96x
- Automatically saving X-ray images in archive
- Browsing the image (JPEG format) archive
- Copying images on external storage media
- Threat Image Projection (TIP)
- Counting inspected baggage
- Preparing service reports



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With continual development of our products ADANI reserves the right to make changes to the design and specifications at any moment and without notice.

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