

### APPLICATION



LAW ENFORCEMENT



TRAFFIC CONTROL



GOVERNMENT BUILDINGS



HOTEL COMPLEXES



CRITICAL INFRASTRUCTURE

BV 6045 X-ray baggage inspection systems can be adapted to allow discreet screening of vehicles at various types of locations including, but not limited to.

## BV 6045

OPTIMAL SOLUTION FOR QUICK AND ACCURATE INSPECTION OF PARCELS, SMALL AND MID-SIZE BAGGAGE



### KEY FEATURES

- Cost-effective solution
- Proven reliability
- Simple interface
- Automatic identification of suspicious objects
- Automatic gun detection software
- Multi-language interface
- Quick start-up and shutdown
- The fault-tolerant configuration of the system

The BV 6045 is a reliable, optimal and cost-effective security solution which provides enhanced threat and contraband detection capabilities. The system is intended to make security screening process effective, fast and automated.

Due to its optimal tunnel size, the system can be used at any facilities and within any application scenario. It does not require any additional security infrastructure and can be easily relocated as appropriate.

High image quality in combination with advanced image processing tools and threat detection assistance software allows the operator to quickly and effectively evaluate any luggage content without any negative impact on throughput capacity.

### SPECIFICATIONS

Tunnel dimensions (WxH)	610 x 450 mm
Conveyor speed	0.22 ± 0.03 m/s
Load on the conveyor	Max 396 lb. (180 kg)
Anode voltage	160 kV
Steel penetration	GUARANTEED: 36 mm / TYPICAL: 37 mm
Wire detectability	0.08 mm
Dual-energy detector	Yes
Number of colors within the X-ray image	3 / 7 / infinite palette
Dimensions (LxWxH)	1240 x 845 x 1325 mm
Weight	903 lb. (410 kg)

### 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
- 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
- Counting inspected baggage
- Real-time self-diagnostics



### OPTIONS

Entry / exit rollers of various length

Operator's desk

Set of test objects

Two monitors functionality

Touchscreen operation

Uninterruptible power supply

BV Remote Control



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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Products conforms to requirement radiation standards: USFDA, Center for Devices and Radiation Health, 21-CFR1020.40, CE, EAC