# BV 6045DV DUAL VIEW

NARCOTICS
IN BODY CAVITIES

WEAPONS

ELECTRONICS
MINIATURE PHONES

CERAMIC
AND PLASTIC BLADES

EXPLOSIVES

PRECIOUS STONES
AND RARE METALS

BORDER CROSSINGS
TRANSPORTATION
FACILITIES

SECURITY
CHECKPOINTS
CORRECTIONAL
FACILITIES

GOVERNMENTAL
BUILDINGS COURT
HOUSES

BANKS
HOTEL COMPLEXES

CRUISE SHIPS
CRITICAL
INFRASTRUCTURE

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

The BV 6045DV 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.

# X-RAY BAGGAGE INSPECTION SYSTEMS

## BV 6045DV

## KEY FEATURES

▸ DUAL-VIEW TECHNOLOGY
▸ PROVEN RELIABILITY
▸ SIMPLE INTERFACE
▸ AUTOMATIC IDENTIFICATION OF SUSPICIOUS OBJECTS
▸ AUTOMATIC GUN DETECTION SOFTWARE
▸ MULTILANGUAGE INTERFACE
▸ QUICK START-UP AND SHUTDOWN
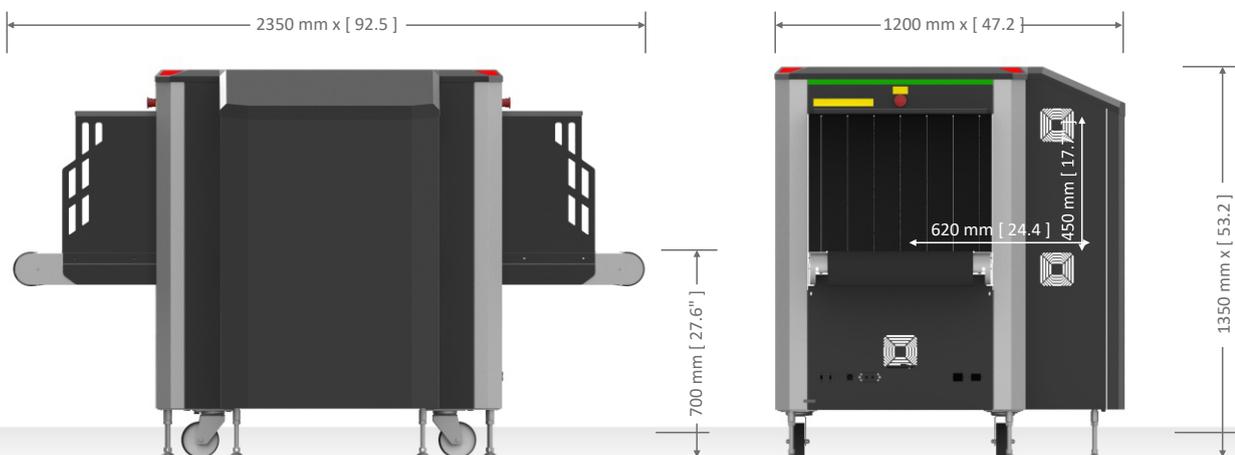▸ THE FAULT-TOLERANT CONFIGURATION OF THE SYSTEM

## OPTIONS

▸ ENTRY / EXIT ROLLERS OF VARIOUS LENGTH
▸ OPERATOR'S DESK
▸ STAND FOR MONITORS AND SPECIALIZED KEYBOARD
▸ SET OF TEST OBJECTS
▸ TOUCHSCREEN OPERATION
▸ TWO MONITORS FUNCTIONALITY UNINTERRUPTIBLE
▸ POWER SUPPLY

## Specifications

| | |
|---|---|
| Tunnel dimensions (WxH) | 620±3 x 450±5 mm [ 24.4" x 17.7" ] |
| Conveyor speed | 0,22 ± 0,03 m/s [ 43.3 ft./min ] |
| Load on the conveyer | Max 200 kg  [ 441 lbs ] |
| Anode voltage | Standard 140 kV / 0,9mA<br>High 160 kV / 0,7mA |
| Steel penetration in high mode | GUARANTEED: 36 mm [ 1.42" ]   TYPICAL: 37 mm [ 1.46" ] |
| Wire detectability | 0,08 mm (40 AWG) |
| Dual-energy detector | Yes |
| Number of colors within the X-ray image | 7 and 3 |
| Dimensions (LxWxH) | 2350 x 1200 x 1350 mm [ 92.5"x 47.2"x 53.2" ] |
| Weight | 800 kg [ 1764 lbs ] |
| Power Supply | 230 VAC ± 10% / 120 VAC ± 5%, 50/60 Hz |
| Power Consumption | less than 1.2 kVA |
| Operating temperature | from 0 to 40 ºC [ 32 to 104 ºF ] |
| Humidity | up to 98%, 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
▸ Real-time self-diagnostics



2350 mm x [ 92.5 ]

1200 mm x [ 47.2 ]

620 mm [ 24.4 ]

450 mm [ 17.

700 mm [ 27.6" ]

1350 mm x [ 53.2 ]

0249-SA28122016

ADANI SYSTEMS, Inc.

13614 Poplar Circle Suite 203, Conroe, TX 77304, USA

5731 NW 151 ST Miami Lakes, FL 33014, USA

Tel: 936-588-2064
Toll-free line: 844-989-6789
info@adanisystems.com