

# BV 6045DV DUAL VIEW

NARCOTICS  
IN BODY CAVITIES



WEAPONS



ELECTRONICS  
MINIATURE PHONES



CERAMIC  
AND PLASTIC BLADES



EXPLOSIVES



PRECIOUS STONES  
AND RARE METALS



## 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.



**BORDER CROSSINGS  
TRANSPORTATION  
FACILITIES**



**SECURITY  
CHECKPOINTS  
CORRECTIONAL  
FACILITIES**



**GOVERNMENTAL  
BUILDINGS COURT  
HOUSES**



**BANKS  
HOTEL COMPLEXES**



**CRUISE SHIPS  
CRITICAL  
INFRASTRUCTURE**

# 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

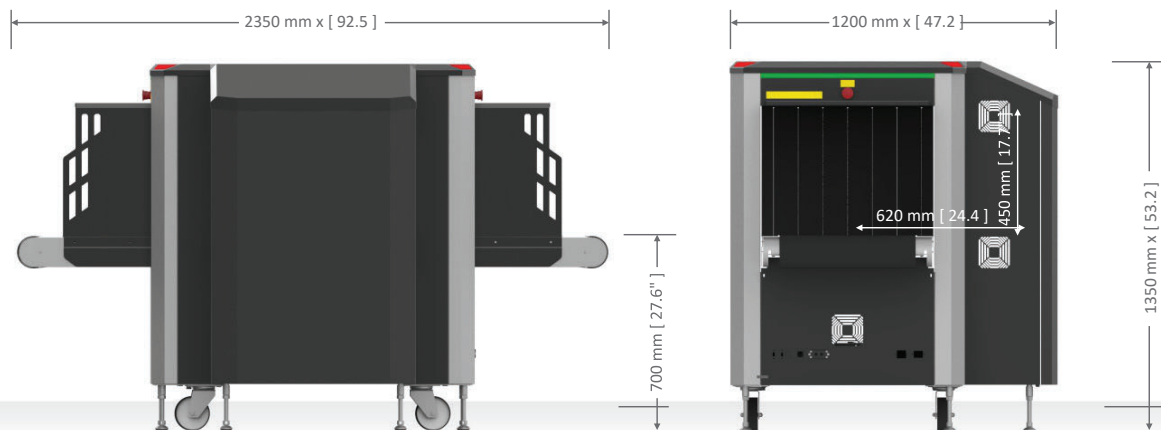
- ▶ ENTRY / EXIT ROLLERS OF VARIOUS LENGTH
- ▶ OPERATOR'S DESK
- ▶ STAND FOR MONITORS AND SPECIALIZED KEYBOARD
- ▶ SET OF TEST OBJECTS
- ▶ TOUCHSCREEN OPERATION
- ▶ TWO MONITORS FUNCTIONALITY UNINTERRUPTIBLE
- ▶ POWER SUPPLY

## 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 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	
Dimension s (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 °C [ 32 to 104 °F ]	
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



Compliant with standards for cabinet X-ray systems (USFDA, Center for Devices and Radiation Health, 21-CFR 1020.40) Typical radiation leakage is less than 0.1 mR/hr (1 µSv/hr) (Leakage less than 0.5 mR/hr permitted by the Federal Standard) Guaranteed even for high speed films up to ISO 1600 (33 DIN) With continual development of our products LINEV reserves the right to make changes to the design and specifications at any moment and without notice.

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