

**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**

**LIST OF FEATURES AVAILABLE TO AN OPERATOR**

|   |                                    |
|---|------------------------------------|
| Tunnel dimensions (WxH)                 | 610 x 450 mm                       |
| Conveyor speed                          | 0.22 ± 0.03 m/s                    |
| Load on the conveyer                    | Max 396 lb. (180 kg)               |
| Anode voltage                           | 160 kV                             |
| Steel penetration                       | GUARANTEED: 36 mm / TYPICAL: 37 mm |
| Wire detectability                      | 0.08 mm (40 AWG)                   |
| 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)                   |

- 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 number 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

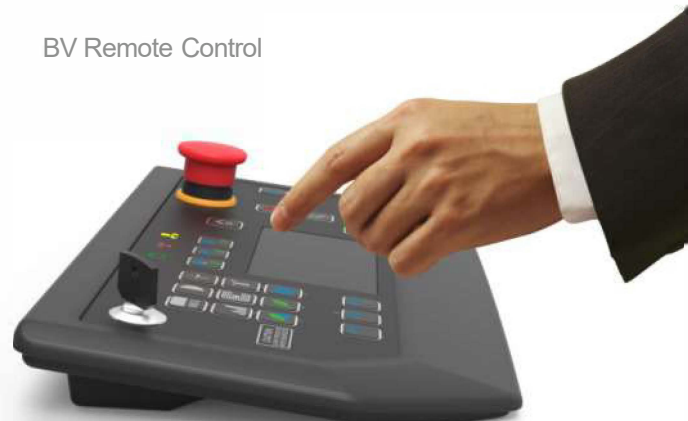
Set of test objects

Two monitors functionality

Touch pad operation

Uninterruptible power supply

BV Remote Control



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