

BVE -6000G Vehicle/Container Scanner



Feature Highlights:

High Efficiency: High throughput, high-speed imaging, inspection pass rate up to 120 vehicles / hour.

Intelligence: The system could realize fast scanning driving through and has automatic alarm function when detecting threat items or suspicious objects.

High Safety: Automatically avoid drivers' cabin and realize 100% security checking.

BVE-6000G vehicle security inspection system is used for trucks, containers and large vehicles' security checking. It has many advantages like: high inspection efficiency, intelligent operation, safety and reliability and so on.

BVE-6000G is an essential security inspection equipment for customs, ports, military bases and key sections. By using the X-ray penetrating scanning, the system can identify contrabands like weapon, explosives, drugs, contrabands etc. which are hidden in the interior of the trucks, containers, etc. So that contrabands can not be hidden anywhere.

With these features of high efficiency, intelligent operation and high safety etc. BVE-6000G could be widely used in customs, border control, ports, logistics, transportation hubs, highway checkpoints and other inspection fields.

General Specifications

System dimensions	6.96 (W) x 5.43 (H) x 2.6 (L) [m]
Tunnel dimensions	4.1 (W) x 4.7 (H) [m]
Max vehicle size	3.0 (W) x 4.6 (H) [m]
Scanning speed	15 km/h, throughput 120 vehicles/h
Penetration (steel)	Standard: 300 mm Typical: 320 mm
Resolution (wire recognition)	Standard: 1mm

X-ray Generator

Anode Voltage/cooling/duty cycle	6/3 MeV • hermetically sealed water bath • 100%
Beam directions	From side

Image Generating System

Monitor	40" flat Panel LCD monitor; 4K resolution
X-ray converter	L-shaped multi-energy high-sensitivity detector line
Image presentation	B/W, color
Digital video memory	HD3840 x 2160 / 24 bit
Image processing functions	Color / White and black; Organic/inorganic/mixture, Super enhancement; Edge enhancement ; inverse ; Histogram equalization ; Logarithmic transformation; Continuous zoom

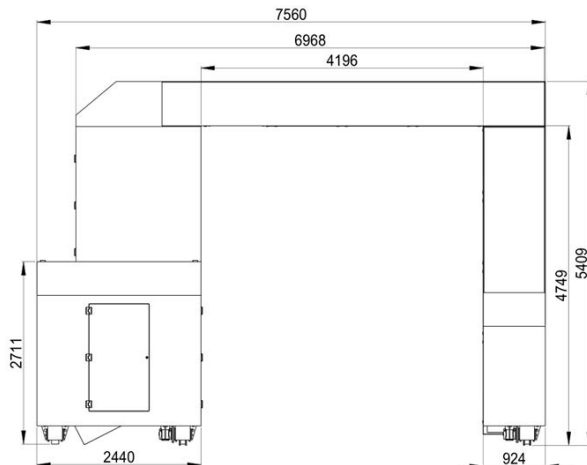
Other functions:	Real-time image processing; Real-time system status monitoring; Running status monitoring; Database management; Image and data transmission, archiving and reporting functions; Print and event records; Data achieve
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Additional Features

Options	Protection wall, Gate checking, Remote control station, Checking room, Speed detection system, Traffic lights, License plate recognition, Under vehicle inspection, CCTV, Climate operation-set radiation detect system, Diesel power generator
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Installation Data

Operating temperature	-30°C – 50°C
Humidity	0% – 99% (non-condensing)
Power supply	Standard: 380 VAC (±15%), 3-phase 50 Hz (±3 Hz)
Power consumption	Less than 25 kVA



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