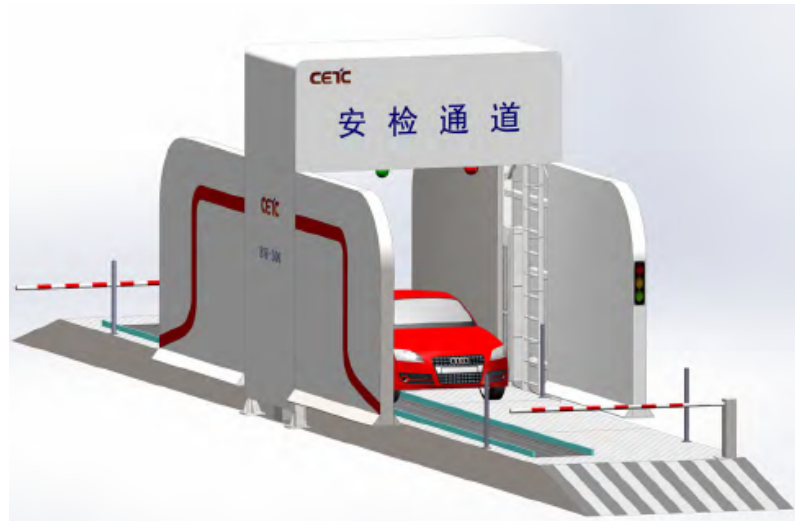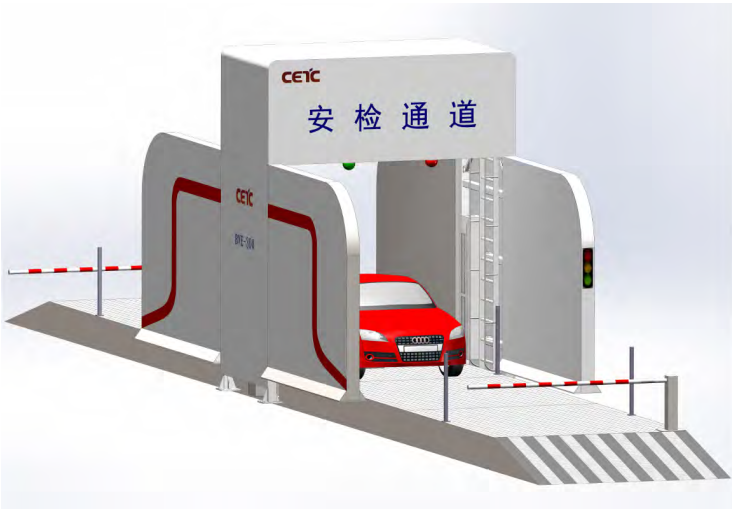# BVE -300 (Drive Through Type) BVE -300 (Conveyor Belt Type)

Feature Highlights

- **High Efficiency:** High-speed vehicle transmission, high-speed imaging, inspection pass rate up to 200 vehicles /hour(Drive Through Type) and 40 vehicles /hour (Conveyor Belt Type).
- **Intelligency**: Automatic detection of vehicles, automatic inspection, automatic beam output, remote control and data transmission.
- **Safety**: Automatically transmission; the vehicle drive through safety check zone to protect driver and worker from x-ray radiation.
- **Customization**: We provide customized design service for vehicle inspection system.

BVE-300 vehicle security inspection system is used for small and medium-sized vehicles' security checking. It has many advantages, for example: high efficiency, intelligent operation and so on. By using the X-ray penetrating scanning, the system can identify contraband goods such as explosives, guns, knives and drugs, etc, which are hidden in cabin, the interior of the vehicle, engine compartment, chassis and other locations in the car. So that contraband goods cannot be hidden anywhere.

BVE-300 vehicle scanner is an efficient, essential security inspection system for various critical places like: **important government agencies, embassy, prisons, hotels, borders, checkpoints, customs, military bases, critical infrastructures etc..**

General Specifications

Tunnel sizes:	3.2 (W) x 3.2 (H) [m]
Max vehicle size:	2.8 (W) x 2.8 (H) [m] (Drive−through)
	2.5(W) x 3.5(H) x 8(L) [m] (Conveyor−belt)
Scanning speed:	8 km/h (Drive−through)
	0.3m/s (Conveyor−belt)
Penetration steel:	Standard: 65 mm Typical: 70 mm
Resolution (wire detectability):	Standard: 0.75 mm Typical: 0.5 mm

X-ray Generator Anode

Beam direction:	From top to bottom
Voltage • cooling • duty cycle:	320 KV • hermetically sealed oil bath&100%

Image Generating System

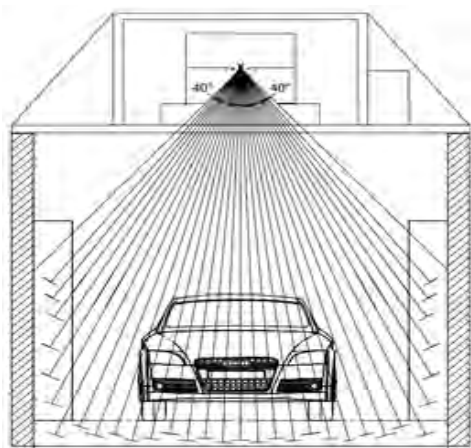|	
X-ray converter:	U-shaped detector line, high resolution
Image presentation: Digital video memory:	B/W, color
	1280 x 1024 / 24 bit
Monitor:	40" flat Panel LCD monitor
Image evaluation functions:	Image enhancement; Image magnification; Brightening/ darkening; Edge enhancement; Grayscale scanning; Play back; Image storage;
Other functions:	Date / time display; vehicle number count;User management; network interface;Working time display; power self-test; Maintenance diagnosis; image recognition training; Image automatic recognition;

Additional Features

Options:	Operator compartment; License plate recognition Remote control and data transmission, Remote operator room

Installation Data

Operating temperature:	−30℃ − 50℃
Humidity:	0%~ 90%
Power supply:	380VAC ±15%, 3-phase 50Hz ± 3Hz
Power consumption:	Approx. 15KVA

According to the national standard of the People's Republic of China GB15208.1-2018 and the international standards for radiation safety. The copyright belongs to Beijing Vacuum Electronic Technology Co., Ltd.

With continual R&D of our products, CETC reserves the right to amend specifications without prior notice. Product pictures are for general reference.

FC CE ISO 9001:2015 ISO 14001:2015