

Introduction

AT2900 is designed by Safeway Inspection System Limited as a passenger vehicles security screening system, to help quickly detect dangerous goods and contraband hidden in the vehicle, such as weapons, explosives, drugs, smuggled goods, etc.. It adopts drive through technology, leaving the driver and passengers inside the cars, to finish the inspection quickly. It's equipped with 200 KV x-ray generator on the side and L-shaped detectors, providing high high definition images.

The AT2900 is used at the entrance of the parking lot and important government buildings, road traffic checkpoints, customs, border inspection ports, big event venues. The system can be flexibly constructed according to customer requirements and conditions of the installation site. It can be integrated with License Plate Recognition System, real-time video and real-time capture to meet different project requirements.

Product highlights

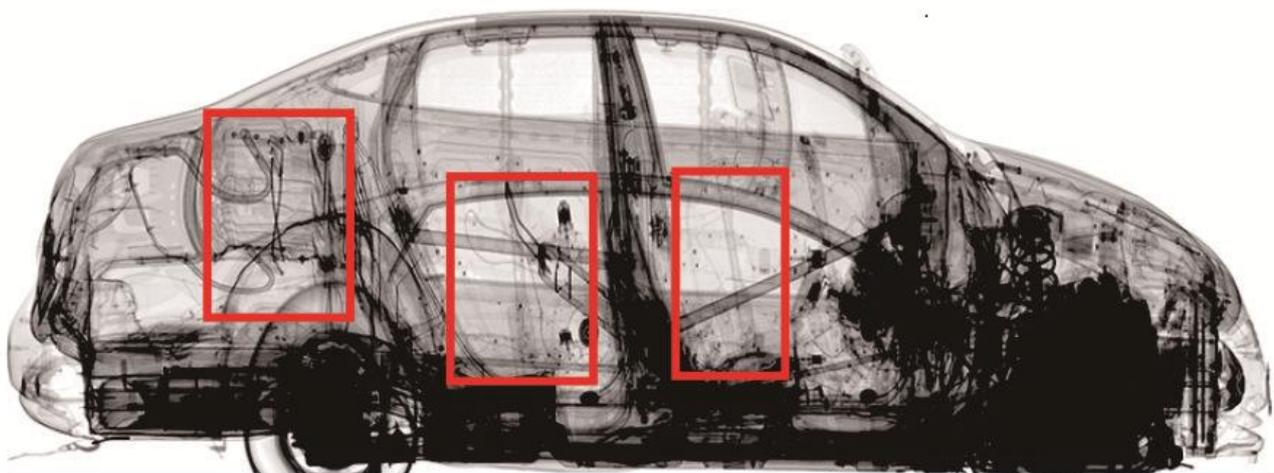
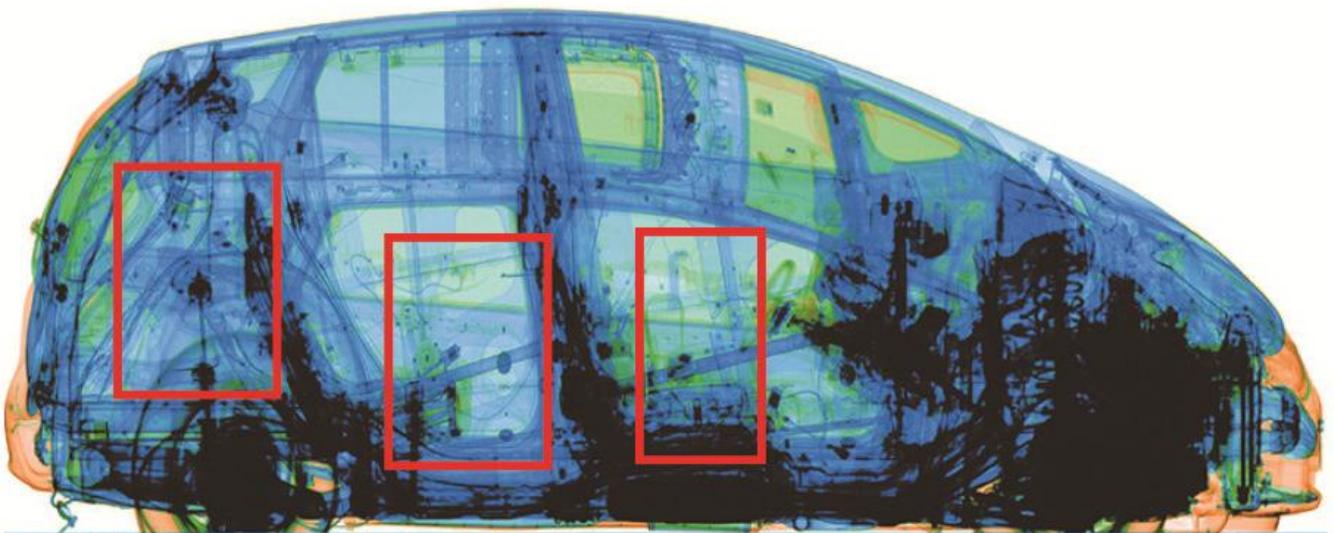
Drive through: Passengers and drivers can stay in the car during the scanning process. The driver drives the vehicle through the scanning device without additional moving system.

Small footprint: The construction area of AT2900 is very small, and no additional base construction is needed.

Dual-energy imaging: AT2800 can perform automatic substance identification, which can distinguish between organics, inorganic matters and difficult-to-penetrates metal objects. It helps operators quickly identify a variety of dangerous items.

Automatic License Plate Recognition(ALPR): According to different customer needs, we can integrate automatic license plate recognition.

Scanning images



Technical specifications

- Tunnel size: 3 (W) * 3 (H) m (can be customized)
- Load capacity of conveyor: 4000 kg
- Car speed: <7km/h
- Typical pass rate: 100 cars / hour
- Steel penetration: Typical 42mm, guarantee 40mm
- Wire resolution : 34AWG
- Penetration Resolution: 30AWG
- Spatial resolution: 1.3mm
- X ray dose per inspection: <1.2 μ Sv
- X ray leakage: <2.5 μ Sv/h, anywhere 9m away from the exit of the system
- Noise: <65dB(A) , anywhere 1m away from the system
- Detector shape: High resolution L-shaped detector line
- Safety standard: Meet the requirements of GB15208.0-2005
- Power consumption: Maximum 2KVA
- Console: 24-inch display
- Film Safety: Guarantee ASA/ISO1600 Film

X-ray generator (dual energy)

- X-ray generator: 200KV, sealed oil cooling
- Ray direction: From side

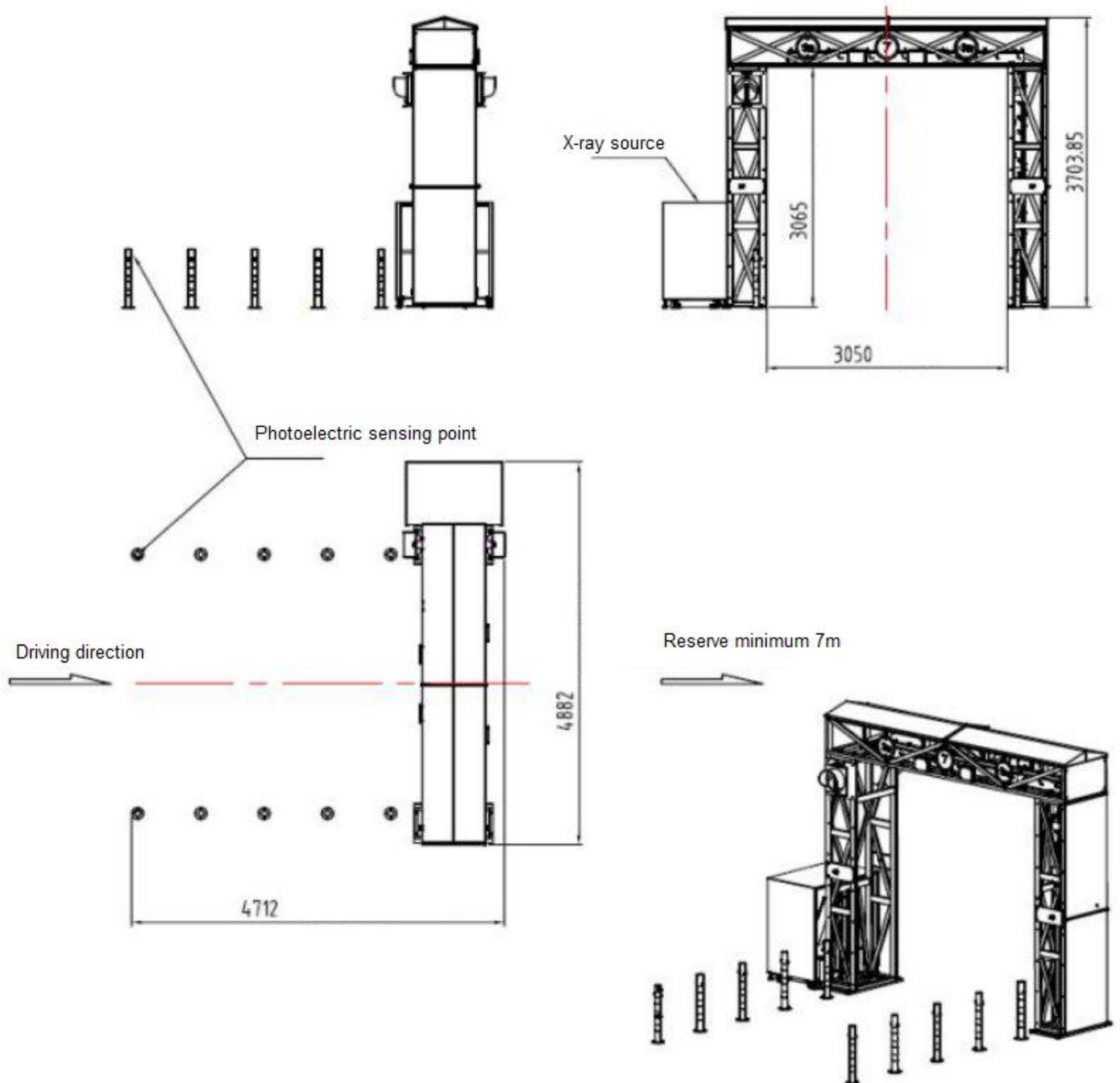
Imaging system

- Operator uses password to login.
- Checked vehicle information list, data query, user management, real-time curve, playback, etc.
- Image function: color / black and white, increase, over increase, reverse color, highlight / darken, Color / black and white imaging, local enhancement, super enhancement, reverse color, organic stripping, inorganic stripping, brightening, darkening, zoom in / out(1-64), etc.
- Real-time video; real-time capture (Option).

Operating environment

- Operating temperature / humidity: 5 ° C ~ 40 ° C / 0% ~ 90% (non-condensing)
- Storage temperature / humidity: -23 ° C ~ 60 ° C /10% ~ 90% (non-condensing)
- Power supply: 380 VAC \pm 15%, 3-phase 50~60Hz \pm 3Hz

Dimensions



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