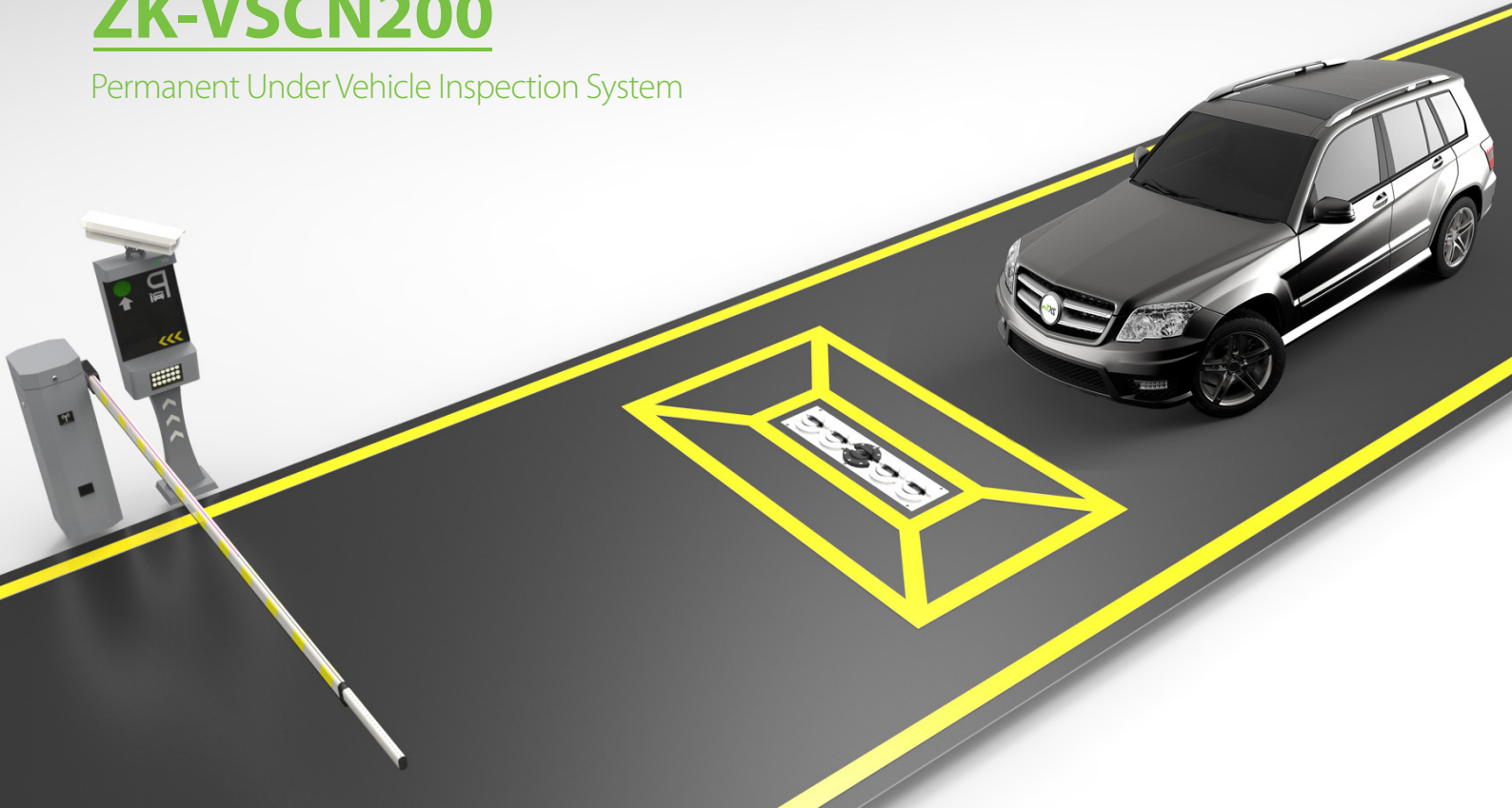# ZK-VSCN200

Permanent Under Vehicle Inspection System

Introduction

For places where require high level security, such as military area, government building and custom, ZK-VSCN200 is an ideal device for checking undercarriage of vehicle. When the vehicle passes, system can quickly generate a high definition image of vehicle undercarriage, which will be recorded in the computer. It helps operator accurately identify forbidden objects attached to the underside of vehicles.

ZK-VSCN200 is a powerful tool to provide profession inspection in incoming and outgoing traffic with a few seconds. Because of specially-designed camera angle, all details of undercarriage are easy to be captured. And IP68 makes sure scanner is able to work well in extreme conditions. This under vehicle inspection system greatly improves the efficiency and accuracy of security check in order to achieve a higher level of safety.

Features

- IP 68, all-weather performance
- High-speed line-scanning camera
- High-resolution color image
- Weight capacity of 50 tons
- Real-time surveillance

Optional

The system can be integrated with biometric recognition systems, RFID Reader, parking barrier, tire killer and many other entry control products.

Components

Permanent scanner: With strong construction, it has a weight capacity of 50 tons. Even a vehicle moves over the scanner, it can bear the weight. Also, even the passing speed of vehicle is up to 60km/h, scanner is able to capture details of undercarriage because of high-speed line-scanning camera inside. The camera can provide clear and sharp images.

Operator terminal: With advanced image processing technology, the software provides kinds of functions to help operator find forbidden objects easily in a user-friendly interface.
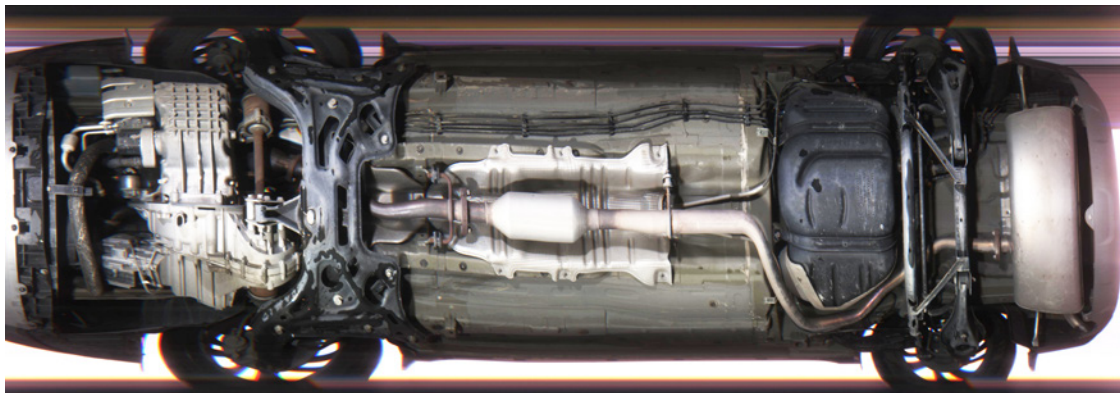
HD surveillance camera: On one hand, surveillance camera providing real time surveillance. On the other hand, it captures picture of vehicle. Then the picture is stored with corresponding undercarriage image after each vehicle passing.

Loop detector: Once loop detector is triggered by vehicle, the scanner starts working.

Specifications

Scanning camera	High-speed line-scanning camera
Vertical resolution of the image	>6000*2048 pixels
Speed of vehicle	1-60km/h (Recommended speed: ≤30km/h)
Effective field of view (FOV)	Less than 170°
Auxiliary light	320W
Weight capacity	50T
Water-proof grade	IP68
Scanner weight	105KG
Scanner size	1100mm*280mm*205mm
Package weight	140KG+51KG (Distribution box) +90KG (Console desk)
Package size	1300mm*450mm*480mm 700mm*400mm*1200mm (Distribution box) 800mm*750mm*1560mm (Console desk)
Storage	1TB hard disk
Operating voltage	AC 220V/110V, 50-60HZ
Surveillance camera	2MP HD camera
Supported Software	ZKBio SIS
Communication Interface	RJ45 (TCP/IP)

Image

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