

# ZK-VSCN100

Portable Under Vehicle Inspection System



## Introduction

ZK-VSCN100 is a portable under vehicle inspection system. It has a great mobility in checkpoints need to be moved or installations where roads cannot be dug up. ZK-VSCN100 does not need civil construction and can be installed in 10 minute include wiring. In addition, it is convenient to move and deliver because all components are able to be stored in a cabinet with wheels.

When 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. This under vehicle inspection system greatly improves the efficiency and accuracy of security check in order to achieve a higher level of safety.

## Features

- Easy to install and maintain
- High-speed line-scanning camera
- High-resolution color image
- Flexible security check
- Weight capacity of 30 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

**Portable scanner:** With strong construction, it has a weight capacity of 30 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.

## 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	160W
Weight capacity	30T
Device weight	52KG
Device size	670mm*550mm*740mm
Package weight	95KG
Package size	850mm*650mm*970mm
Communication interface	RJ45
Operating temperature	-10°C to 60°C
Operating voltage	AC 220V/110V, 50-60HZ
Surveillance camera	2MP HD camera
Storage	1TB hard disk

## Image

