



NUCTECH™ VR1000

Vehicle Chassis Inspection Robot

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PRODUCT INTRODUCTION

NUCTECH™ VR1000 vehicle chassis inspection robot equipped with intelligent scanning camera is used to image the vehicle chassis. With a wireless handheld control device, the officer can view the real-time chassis video and the entire chassis image to easily find illegal activities such as concealing items and chassis modification.

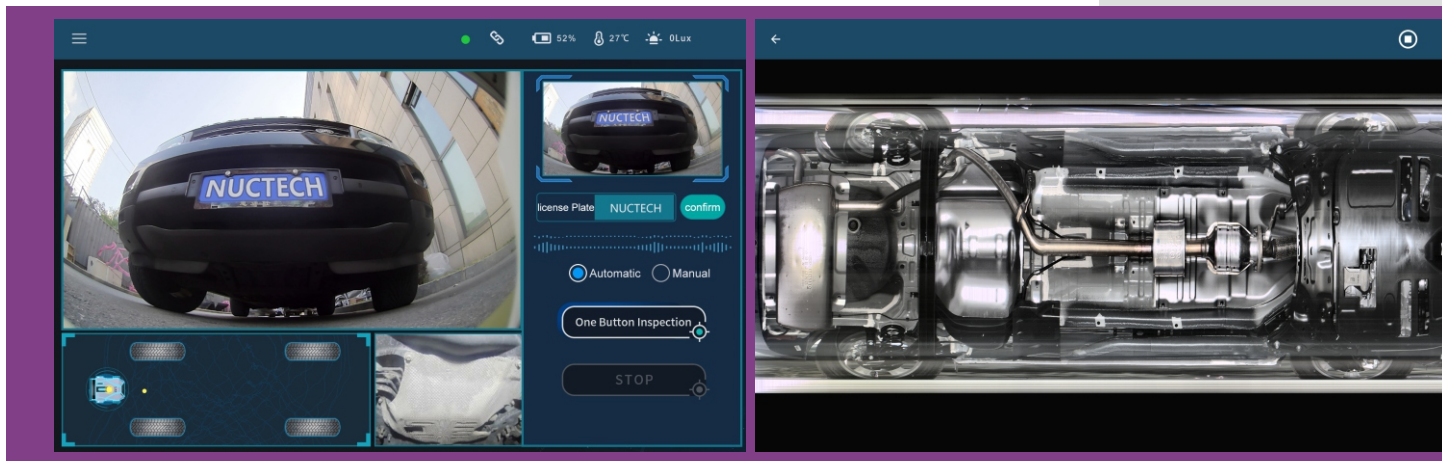
With the characteristics of mobile and portable, no need for

driver cooperation and no requirement for any supporting facilities, one-button inspection, automatic licence plate recognition, clear display of the entire vehicle chassis image, and fixed-point observation after specifying the position, the robot is suitable for temporary or short-term vehicle control inspection of border inspection, important activities security and other critical sites.

PRODUCT FEATURES

- **Portable & Mobile:** Can be carried by a single person. No requirement for supporting facilities and pre-deployment. Highly road adaptability, responds to temporary inspection demands, able to be quickly put into use.
- **Clear Image:** The entire chassis HD image can be automatically displayed and touch zooms to view the details. Fixed-point observation after specifying the position to meet the inspection needs.
- **Easy Inspection:** No need for driver cooperation, the vehicle is stationary during inspection. Automatic align to the scanned vehicles and long-distance automatic straight imaging. With one touch operation on the handheld control device to get the vehicle chassis imaging automatically.
- **Data Query & Comparison:** Automatic licence plate recognition and associated with the vehicle chassis image. The inspection image can be compared with the historical data.

NUCTECH™ VR1000 Vehicle Chassis Inspection Robot



PRODUCT SPECS

Imaging Method	Optical
Scannable Vehicle Type	Small vehicle, medium vehicle and large vehicle
Scanning Method	The vehicle is stationary and the robot goes through the vehicle chassis to get the image
Chassis Image Resolution	2048×6500 pixels (5 meter long vehicle)
Scanning Speed	0.3m/s-1.0m/s (adjustable)
Time For Single Scanning	≤30s (5-meter long vehicle)
Continuous Operating Time	≥4h (Standard battery, battery can be replaced without tool)
Handheld Control Device	10 inches PAD for standard
Remote Operation Distance	≤30m
Dimensions	≤580×450×110mm
Total Weight	≤18Kg
Requirements of Working Pavement	Motorway 4 or above (No big pit)
Operating Temperature	-10°C~+45°C
Operating Humidity	0~99%(No condensation)
Storage Temperature	-20°C~+50°C

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NUCTECH HAS BEEN AWARDED THE CERTIFICATE OF QUALITY MANAGEMENT SYSTEM(ISO9001)

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