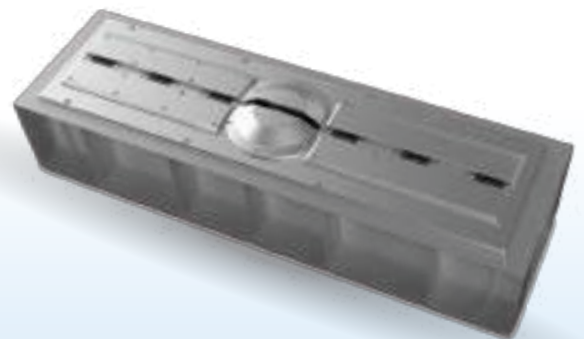


Fixed Under Vehicle Scan System

DH-MV-VDF5020CE-00

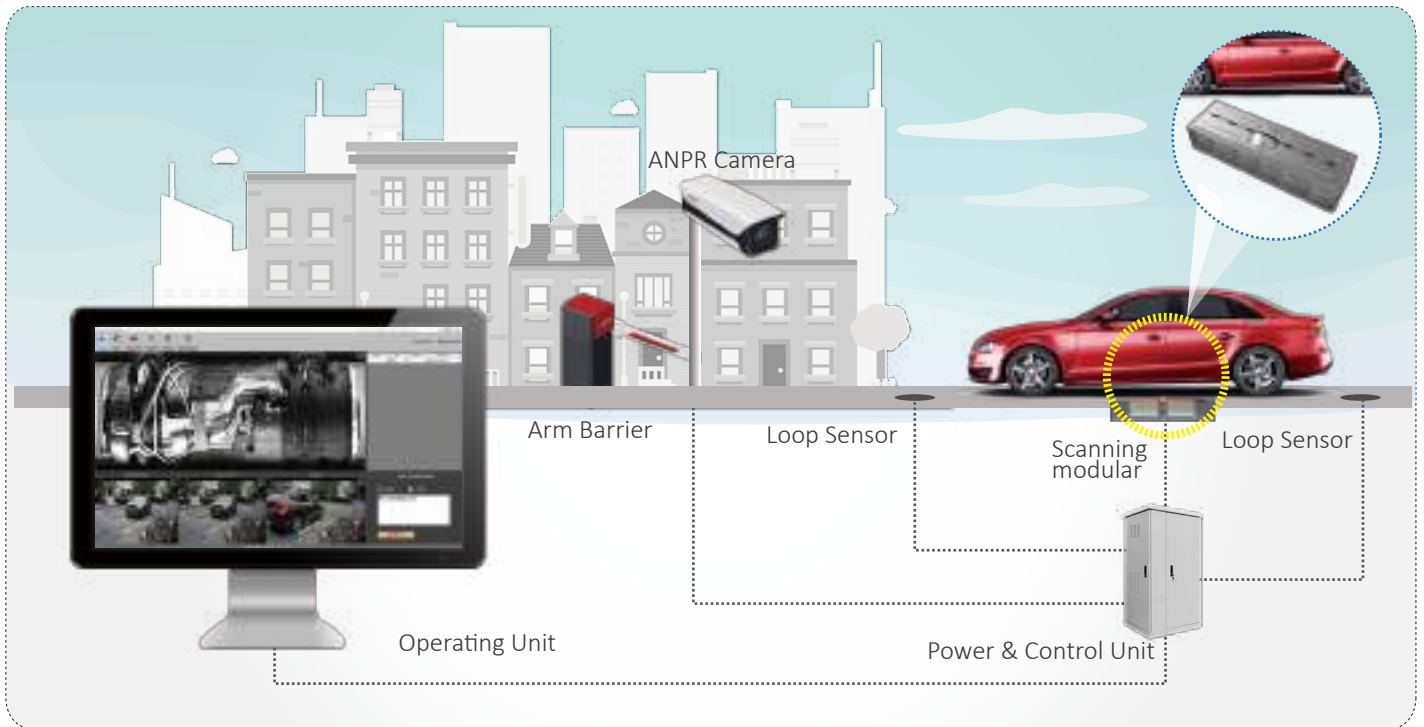
DH-MV-VDF5020CE-00 fixed Under Vehicle Scan System (UVSS) adopts HD line scan camera to scan the vehicle chassis, which can display HD images via intelligent algorithms such as image mosaic, sharpness, etc. The system can effectively prevent security risk of bombs, weapons, dangerous biochemicals and individuals from accessing important places with high protection level such as governments, military areas, bank reservoirs, stations and wharfs.

- Important places with high protection level such as airport, government, prison, bank, military, police, etc.
- Access inspection of custom and border.
- Access inspection of parking lots of key area.
- Access inspection of expressway.



Fixed Under Vehicle Scan System

System Topology



UVSS Software Functions

- Adopts color line scan camera system for dynamic imaging
- Storage format of chassis image: standard JPEG
- Recognizes number plate automatically and associates the chassis image with multichannel surveillance images
- Extensions: can be extended for networking and manual comparison of chassis images
- Vehicle management and inquiry function

System Parameters

Model	DH-MV-VDF5020CE-00
Scan mode	Automatic trigger from external
Resolution	2048 pixels, 26kHz
Vehicle Speed	≤50km/h is proposed and maximum is 80km/h
Field of View	~180°
Height of Vehicle Chassis	60mm- 2000mm
Width of Vehicle Chassis	≤4500mm
Protection Level of Imaging and Structure Modules	IP68
Installation Area	about 1200mm × 322mm × 290mm
Multiple Sealing Design for Chassis Imaging Device	Anti-water, anti-dust, anti-damp, anti-frost, anti-fog, anti-crush
Environment Temperature	-35°C~+60°C
Illumination Module	6 single sealed 80W LED area;lights with life span≥60000h

Design and specifications are subject to change without notice.

Fixed Under Vehicle Scan System - 01, May 2017



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