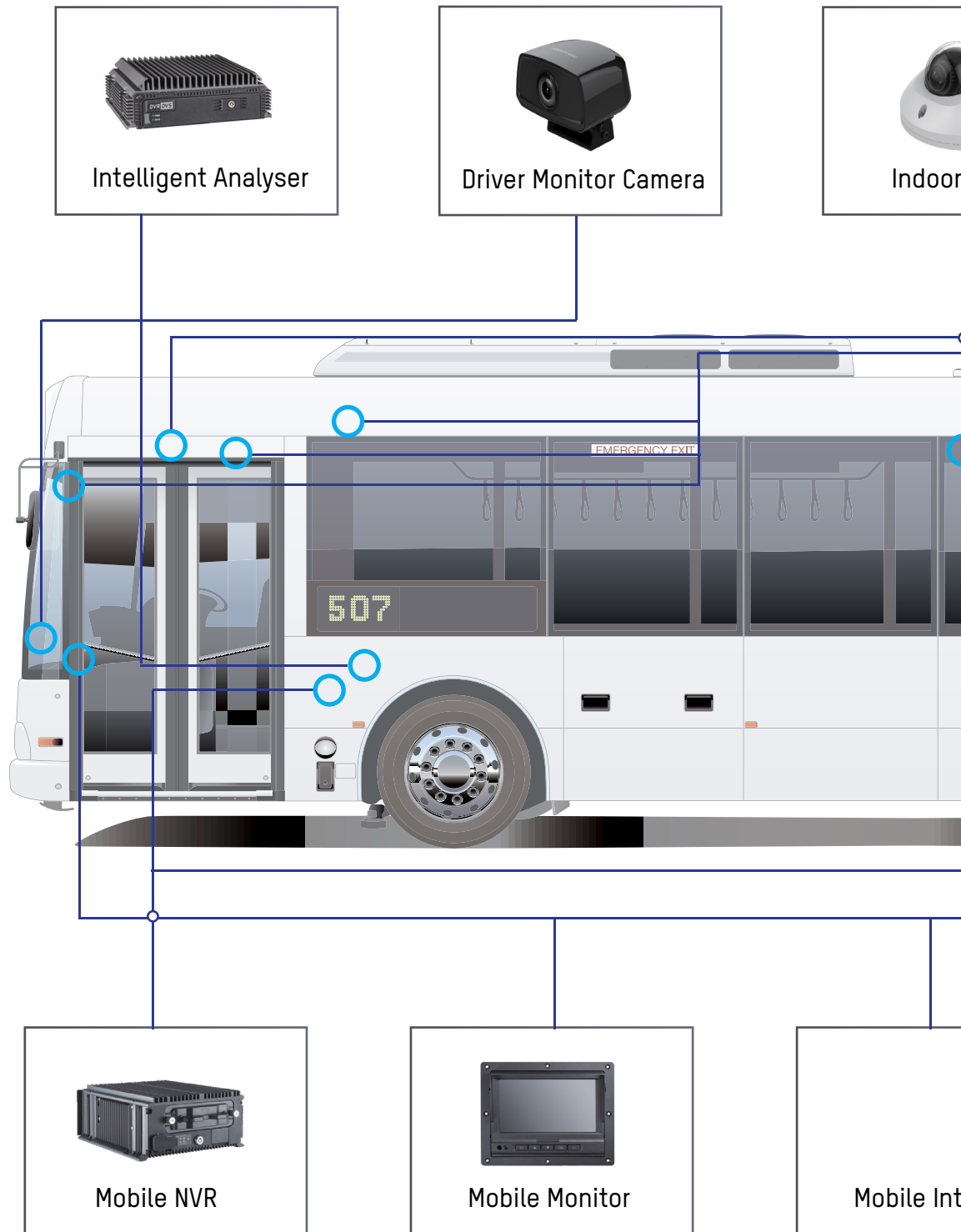
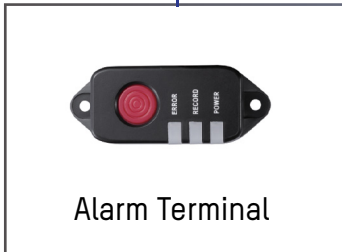
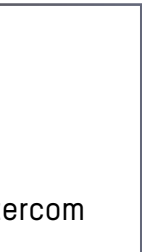
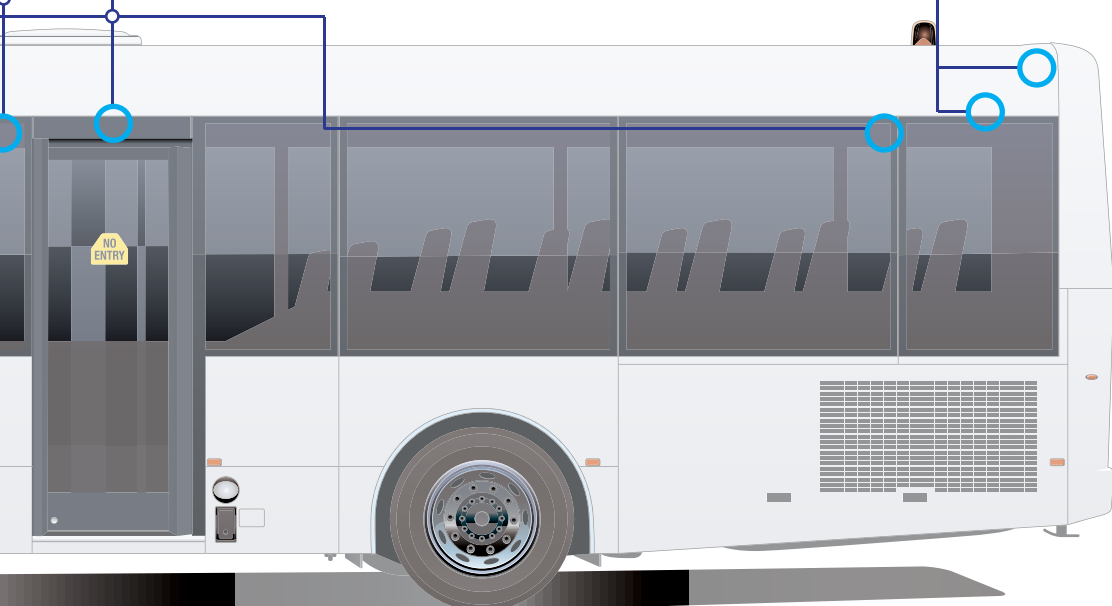
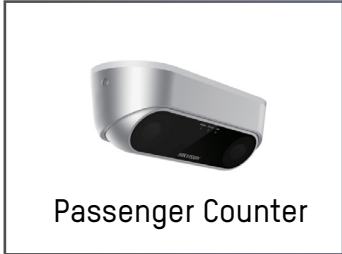




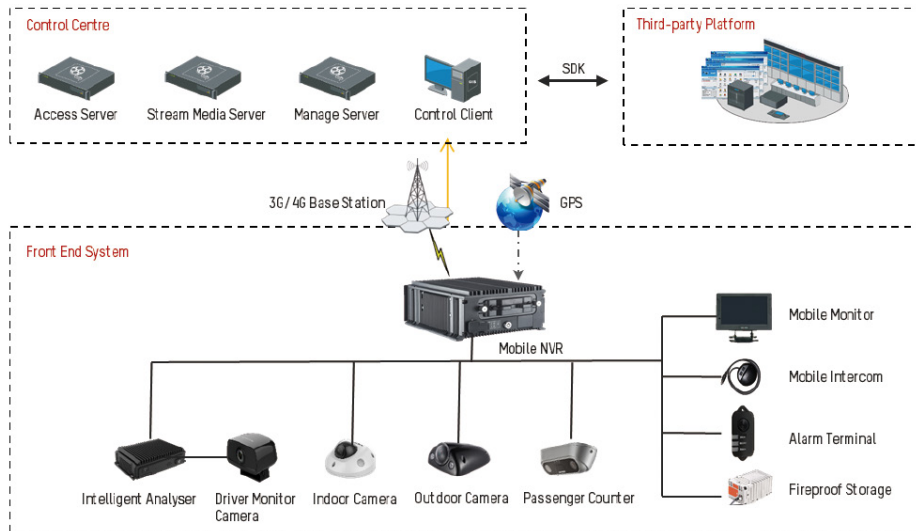
BUS VIDEO SURVEILLANCE SOLUTION

1 SAMPLE SHOW





2 SYSTEM STRUCTURE



Front End

The front-end system is made up of on-board NVR/DVR, cameras, LCD monitor, panic button, and intercom. They are mounted on the vehicle to collect, store and upload vehicle video & audio data. The real-time monitoring video of the vehicle is played on the LCD monitor in a single or multiple window divisions.

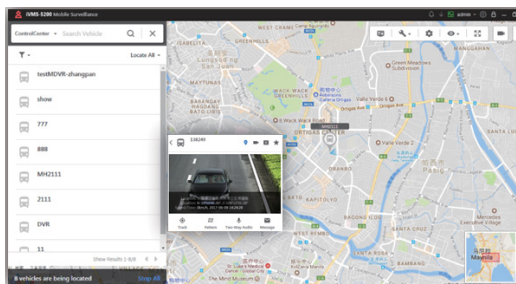
Transmission Network

With a 3G/4G communication module, the DVR/NVR communicates with the platform via wireless network. The DVR/NVR has an external GPS module, which is used for positioning vehicles.

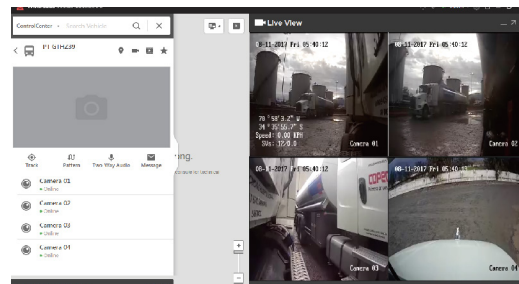
Management Platform

The management platform is a VMS, the iVMS-5200 Pro, which manages the mobile surveillance system by providing functions of video monitoring, record playback, GIS positioning, track playback and more. The platform involves an access server, stream media server, positioning server, Web server, database server, etc. It is accessed by on-board NVR/DVR for monitoring vehicles, checking alarms, obtaining on-board records, locating vehicles, supervising vehicle route, checking device and system status and generating reports.

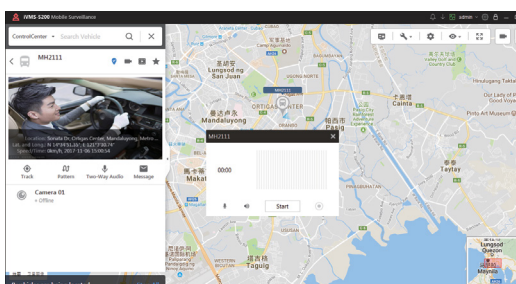
3 SYSTEM FEATURES



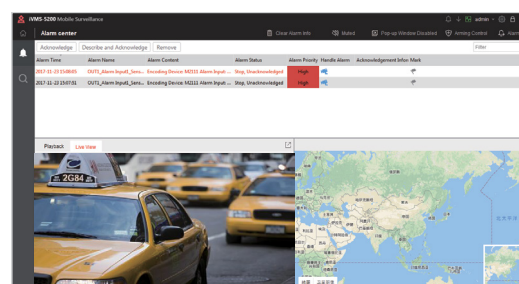
Real-time tracking



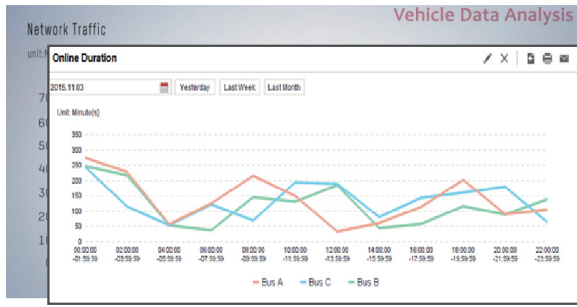
HD video monitoring



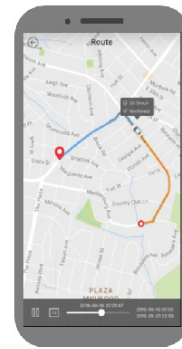
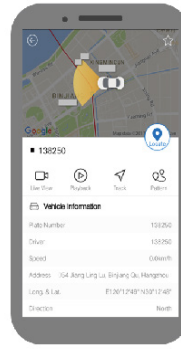
Two-way audio



Alarm input



Intelligent data report



Easy mobile app

The system includes two parts: video monitoring and vehicle control. On-board camera and sound pickup collect video & audio data to store, backup and upload to surveillance platform for viewing and playback, completing the basic video monitoring. The GIS map is used to view and track vehicle position, route, direction and video, facilitating vehicle control.

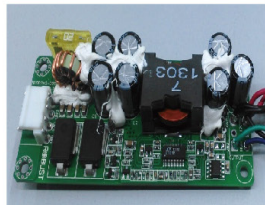
4 PRODUCT PERFORMANCE

Mobile NVR/DVR



Hard disk box

USB3.0 Video back-up
MIL-STD-810G Anti-vibration
-20~60°C working range



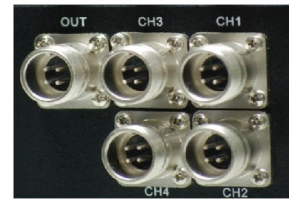
Specially designed Power Module

Wide-range power supply: 60-160VDC or 18-60VDC;
Short Circuit Protection;
Configurable Startup & Shutdown



Super capacity

Emergency power supply (5-7s)
HDD protection
Extra-long operating life

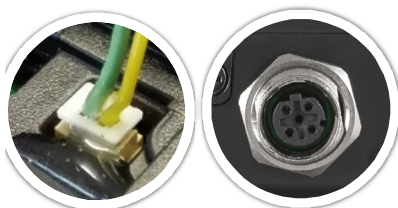


Special interface

Aviation connector cable
Support POE

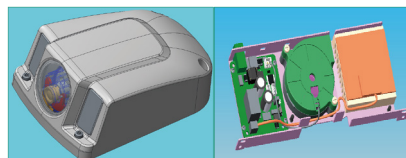
Mobile NVR/DVR Certification: CE/ROHS/WEEE/ECE-R10/EN-50155/EN-50121/ISO7637-2/MIL-STD-810G

Mobile camera



IK10+ - Impact Protection Rating

Protected against 20 joule impact
Equivalent to impact of 5 kg mass dropped
from 400 mm above impacted surface



Intelligent thermal control for mobile camera

When the heating module starts working is based on the outer temperature. The device works well with an ambient temperature from -40° to 70°C



IP68 - standards for waterproof level

Water pressure: 400 KPa
Water flow: 100L/min
Length: 2.5-4m
Test duration: >3min

6 PRODUCT INTRODUCTION



DS-MP7608HN
8-ch Mobile NVR

- 8-ch video & 8-ch audio input (Aviation connector)
- 25/30fps@1080p
- POE interface
- 2x 2.5-inch HDD/SSD, 1x SD/SDHC card slot
- Pluggable disk box with vibration damping technology
- Pluggable 3G/4G/Wi-Fi module (optional)
- Emark/EN 50155 certification



DS-M5504HNI
4-ch Mobile NVR

- 4-ch video & 4-ch audio input (Aviation connector)
- 25/30fps@1080p
- POE interface
- 2x 2.5-inch HDD/SSDC, 1x SD/SDHC card slot
- Pluggable disk box with vibration damping technology
- Pluggable 3G/4G/Wi-Fi module (optional)
- Emark/EN 50155 certification



DS-MP1302
LCD Mobile Monitor

- 7-inch TFT LCD monitor, 800×480 RGB
- Real-time live view of the rear-view camera
- Support 3-ch video input
- Support 2-ch alarm input.
- New GUI and supports the configuration of parameters
- Touch screen available
- Support IR forwarding, RS-422 interface



DS-1530HMI
Alarm Terminal

- Quick alarm in emergency.
- LEDs show the alarm terminal status.
- Built-in IR receiver for remote control.
- Built-in gyroscope for brake detection.
- Built-in sensor for capturing real-time acceleration.
- Working temperature -20° C to +60° C



DS-MP1803
Intelligent Analyser

- Based on deep-learning algorithm
- Multiple abnormal behaviour detection: using mobile phone, smoking, fatigue drive, and not looking straight ahead
- Support access via WEB, easy and convenient operation
- Store abnormal behaviour videos in SD card
- Wide-range power input (+9 VDC to +32 VDC)



DS-2XM67 series
Indoor Camera

- Up to 2.0 / 3.0 megapixel high resolution
- 1920 × 1080/2304 × 1296 @30fps video
- 2.0/2.8/4/6/8mm fixed lens
- 120dB Wide Dynamic Range/IR range up to 30 m
- Operating conditions -40 °C to 70 °C
- M12 aviation plug (optional)
- EMARK/EN50155/EN45545/IP67/IK10



DS-2XM65 series
Outdoor Camera

- Up to 1.3 / 2.0 megapixel high resolution
- 1280 × 960 / 1920 × 1080 @30fps video
- 4mm/6mm/8mm/12mm fixed lens
- 120dB Wide Dynamic Range/IR range up to 30 m
- Operating conditions -40 °C to 70 °C
- M12 aviation plug (optional)
- EMARK/EN50155/EN45545/IP68/IK10



DS-2XM62 series
Driver Monitor Camera

- Up to 1.3 / 2.0 megapixel high resolution
- 1280 × 960 / 1920 × 1080 @30fps video
- 2.8mm/4mm/6mm/8mm/12mm fixed lens
- 120dB Wide Dynamic Range/IR range up to 30 m
- Operating conditions -40 °C to 70 °C
- M12 aviation plug (optional)



DS-2XM61 series
Indoor Camera

- Up to 1.3 / 2.0 megapixel high resolution
- 1280 × 960 / 1920 × 1080 @30fps video
- 4mm/6mm/8mm/12mm fixed lens
- 120dB Wide Dynamic Range/IR range up to 10 m
- Operating conditions -40 °C to 70 °C
- M12 aviation plug (optional)
- EMARK/EN50155/EN45545/IP66/IK08



iDS-2XM68 series
Passenger Counter

- Dual-lens Stereo Vision technology, Based on Deep Learning algorithm
- 3D Target Tracking technology
- Up to 3 m IR range
- Flash memory storing people counting data
- Operating conditions -30 °C to 60 °C
- M12 aviation plug (optional)
- EMARK/EN50155

BUS VIDEO SURVEILLANCE SOLUTION



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