



ICAR[®]
VISIONS

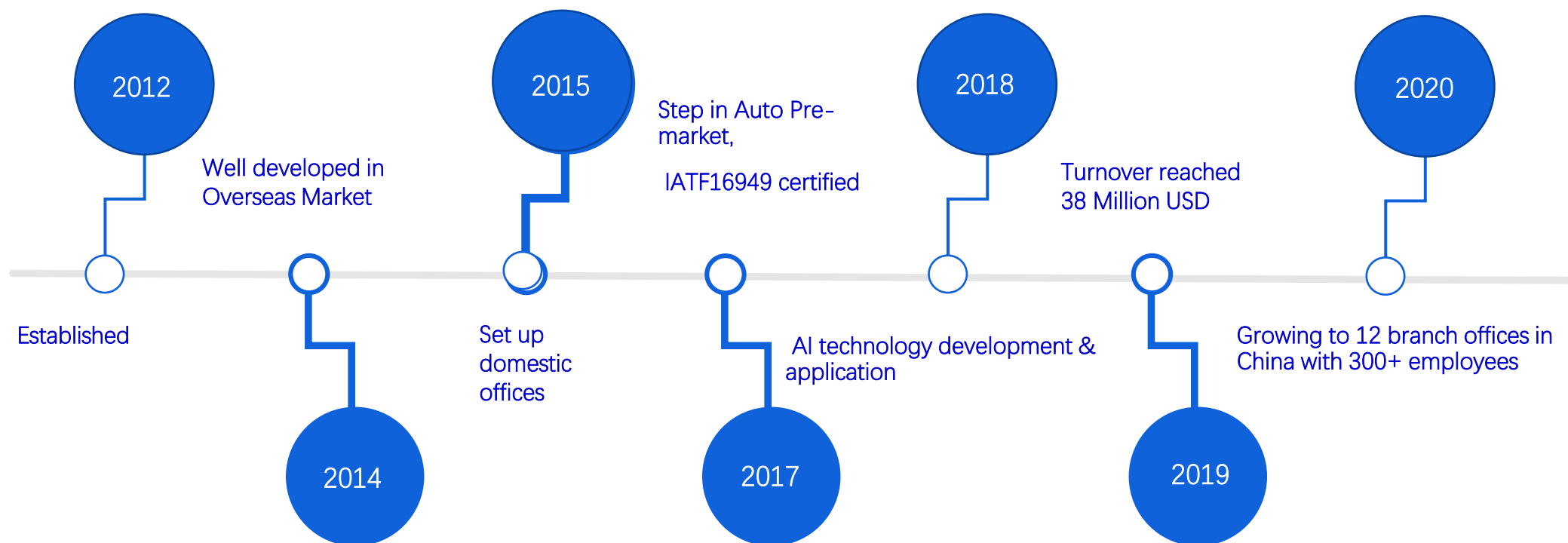
ICARVISIONS (SHENZHEN) TECHNOLOGY CO., LTD.

Intelligent Vehicle Surveillance Solutions

www.icarvisions.com



About us



Our Team

Admin 5%

Admin Support Crew 20+

Sales 21%

Overseas & Domestic Sales & Marketing 80+

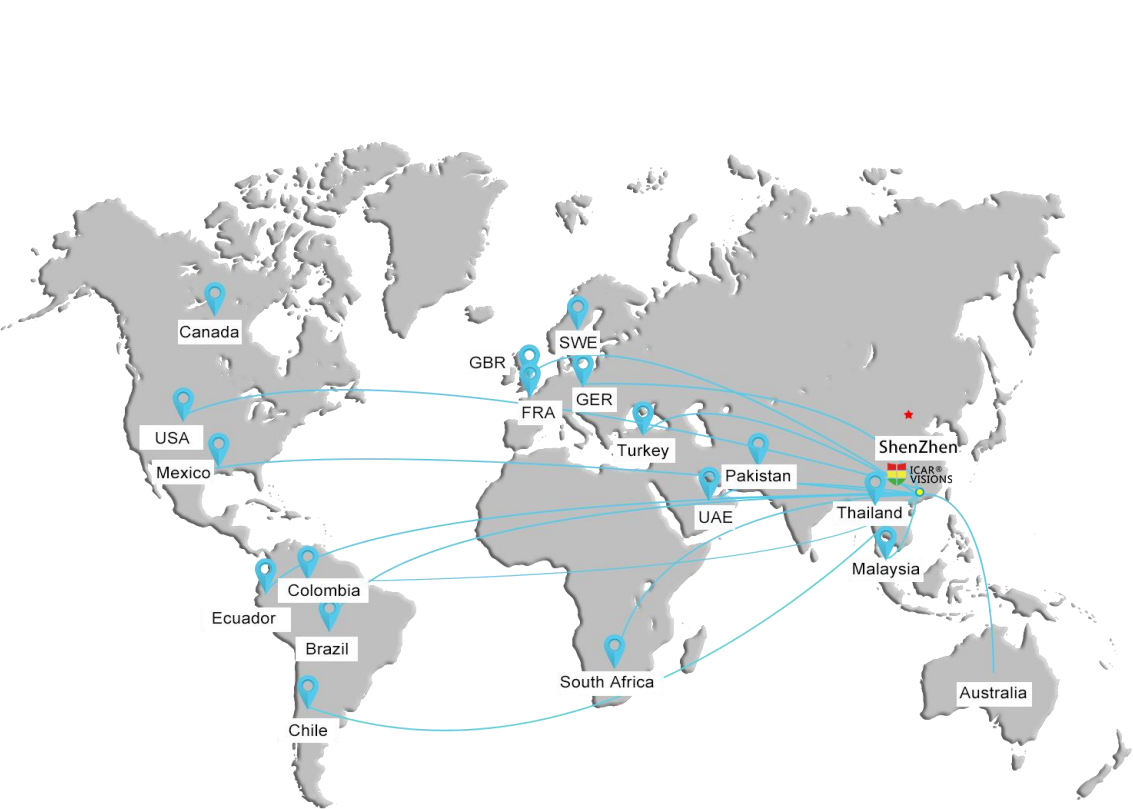
R&D 29%

Research & development 100+ (R&D quality 43% ,
Software 42% , Hardware 15%)

Manufacture 45%

Factory staff 160+ (Workers 56% , Quality 19% ,
Engineering 15% , Planning 10%)





Products provided to 76 countries



12 Branch Offices in China

Production Capacity

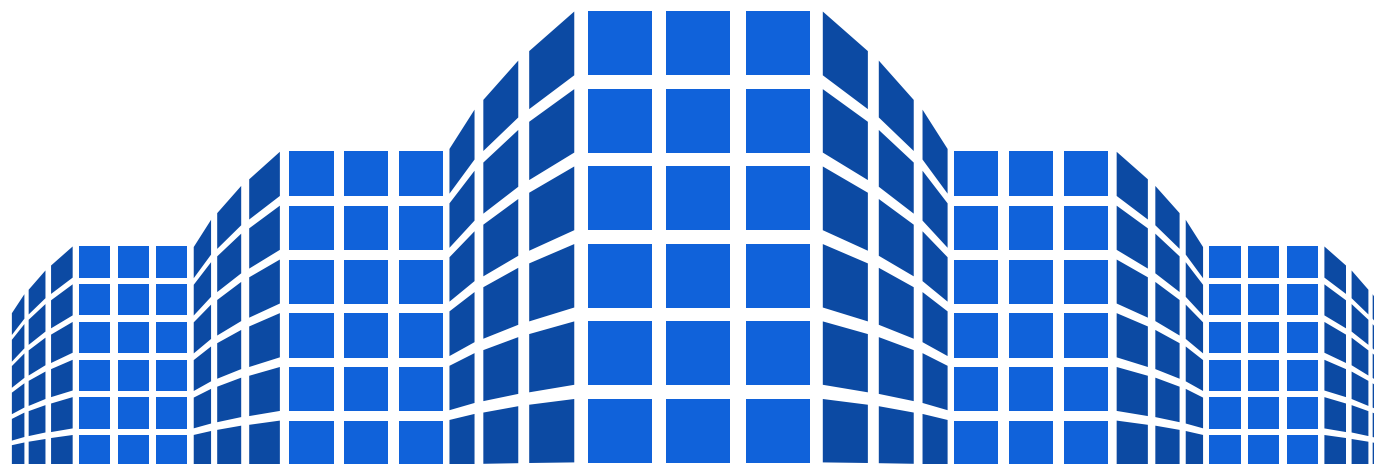


6S

6S Management



Production Capacity
50K / month



Domestic AUTO Pre-Market



Company Certification & Honor



ISO9001 Global Quality System Certification

National High-tech Enterprise

IATF16949-2016 Automotive Quality Standard

ISO14001 Environmental Management System

OHSAS18001 Occupational Health and Safety Management Systems

Product International Cartification



US MIL-STD-810G for vibration & shock



IEC60950 safety of information technology equipment standard



EN50155 Railways Applications Electronic Equipment Used on Rolling Stock



E-mark (E9)



ISO7637-2 international electromagnetic compatibility vehicle standard



ROHS



CE, FCC

Product Certification in China



Ministry of Public Security Standard

GB/T 19056-2012



Ministry of Transport Standard

JT/T 794-2019 JT/T 808-2019 JT/T 1076-2016 JT/T 1078-2016



The [2018] No.115 document certification

The standard of vehicles intelligent video monitoring and alarm device of the ministry of communications



Provincial Standard

Approval from the provincial government such as Jiangsu, Sichuan, Jilin, Shaanxi, etc.



Patents

Patents for invention Patent for Utility Models Patents for Appearance
Computer Software Copyrights



Environmental Protection

Emission limits and measurement methods for heavy-duty diesel vehicles GB17691-2018 standard



New Energy

Technical specification for electric vehicle remote service and management system GB32960-2016 standard



Equipment reliability and environmental adaptability

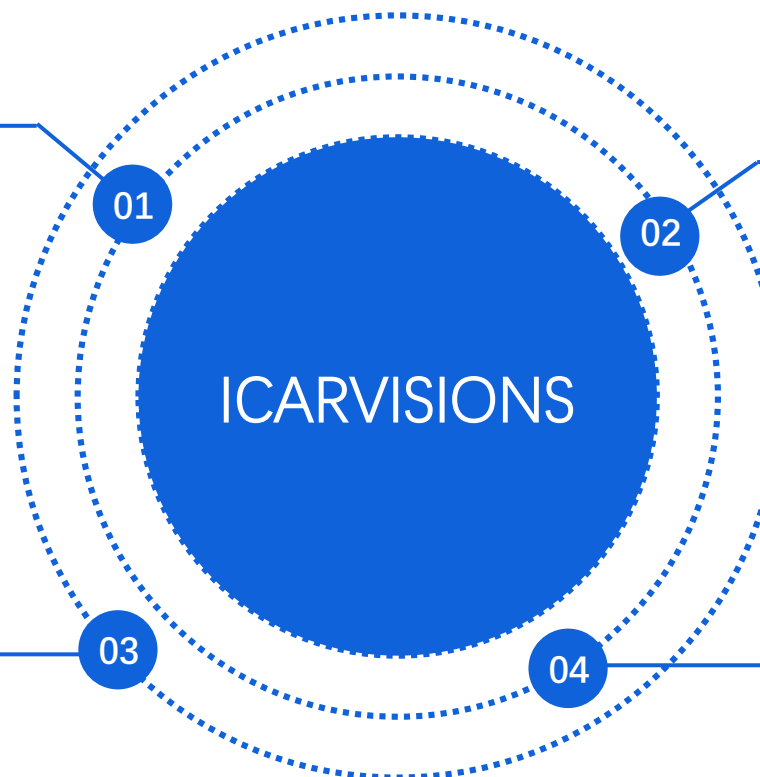


- * Vehicle power supply and battery compatibility
- * HDD anti-shock & anti-vibration
- * Heat dissipation, high and low working temperature, IP67, small in size

Video & Picture Analysis



- * ADAS
- * DSM
- * BSD
- * 360 Panoramic



Platform Software

- * Big data management platform software



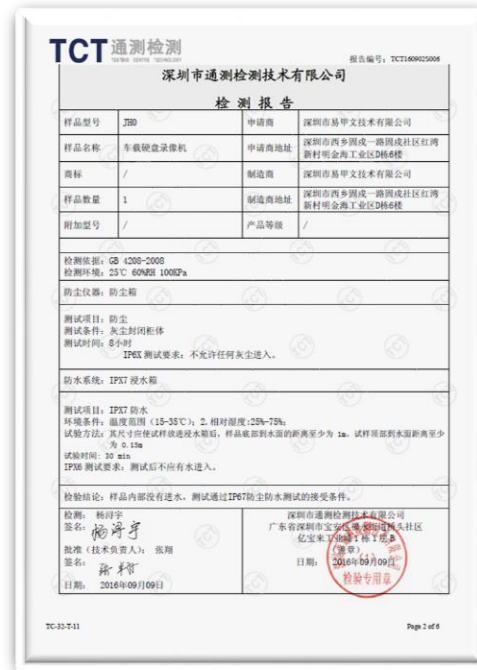
Telematics Information

- * Vehicle motion analysis (acceleration, sharp turn, harsh braking and other 6-axis analysis and alarms)
- * 24 types of installation methods to the G-sensor value correction algorithm

Core Competence-Equipment reliability and environmental adaptability



HDD anti-shock & anti-vibration



IP67 Water-proof & Dust-proof protection



High and low working temperature



Electromagnetic compatibility technology

Core Competence-Video & Picture Analysis Technology



Advanced Driver Assistance Systems (ADAS)



Safe Distance Warning



Lane Departure Warning



Forward Collision Warning



Pedestrian Collision Warning



Eyes Closing



Distraction



Smoking



Eyes Blocked



Making Phone Calls



Camera Blocked



Yawning



Driver Absence

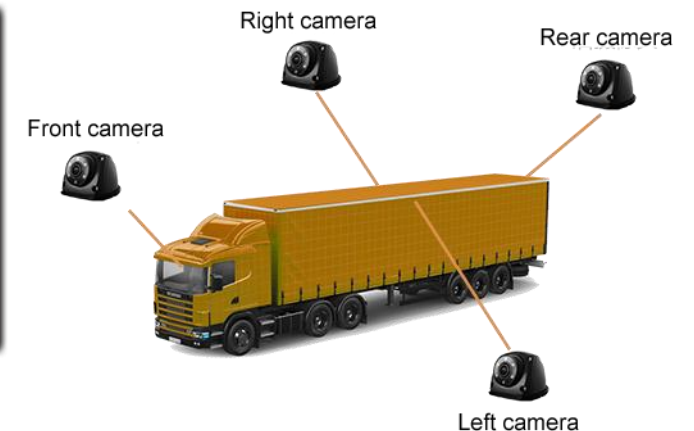
Blind Spot Detection (BSD)



360 Panoramic



Panorama Stitching Solution Installation Diagram



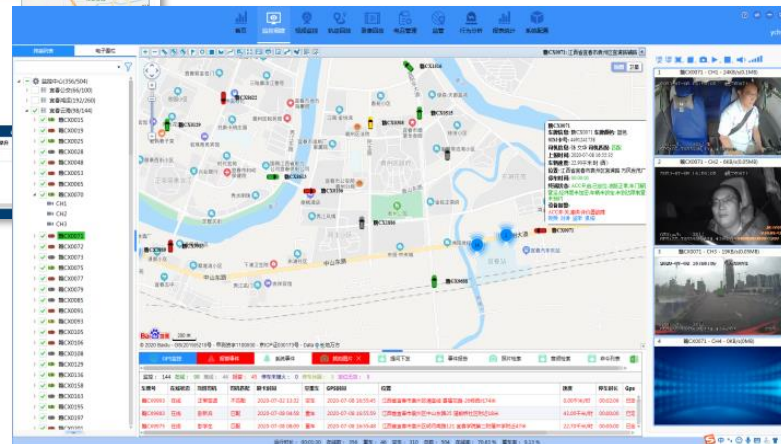
Core Competence-Software Platform



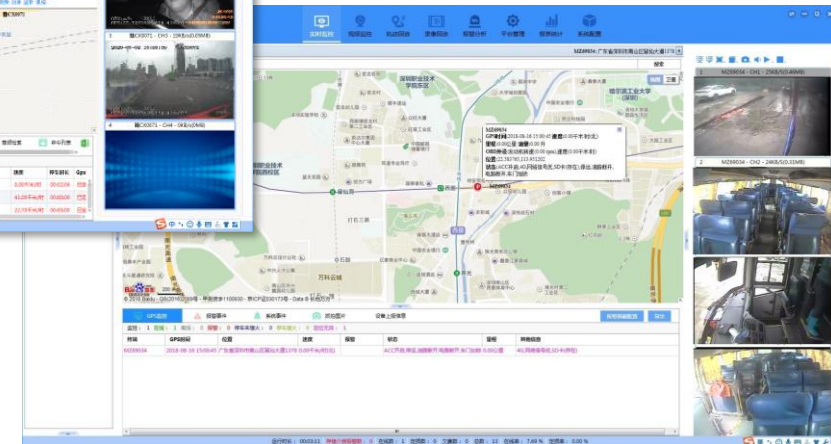
Dump Truck Surveillance Platform



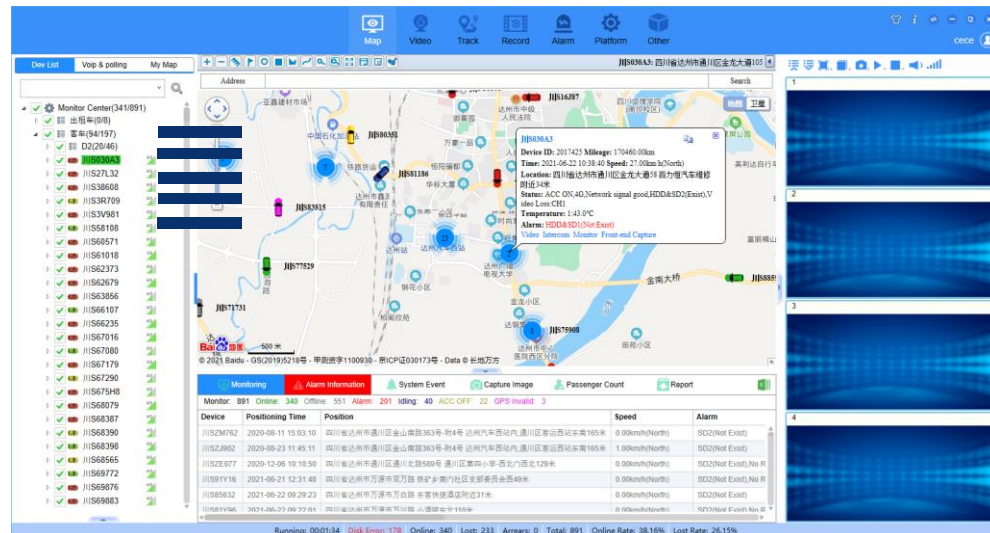
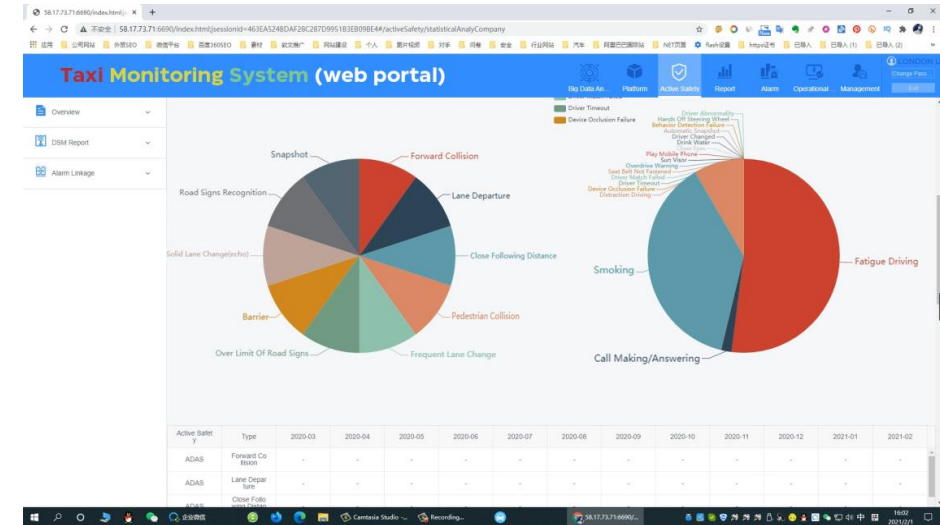
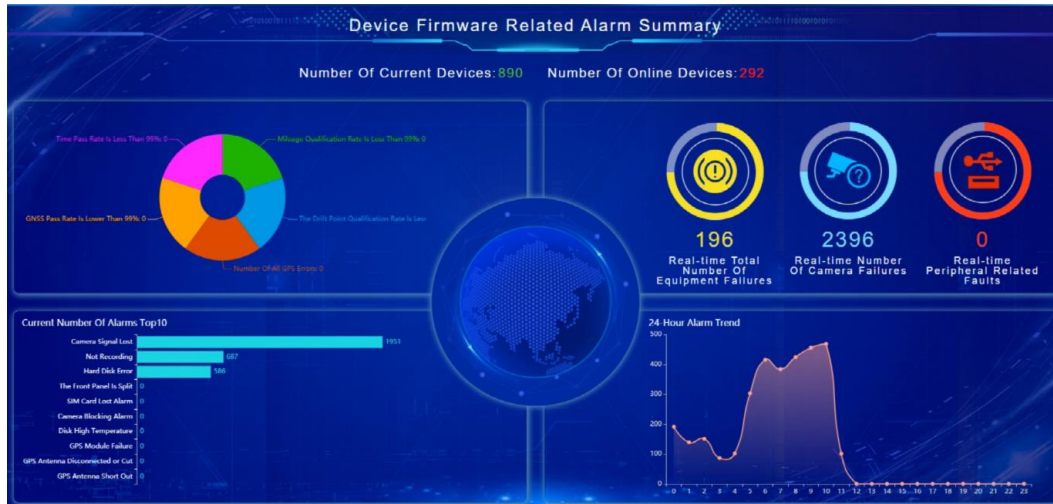
Taxi Fleet Management Platform



IVMS (Intelligence Vehicle Management System)



Core Competence- Software Platform





Dump Truck Surveillance Solution



Truck Surveillance Solution



Taxi Surveillance Solution



Dash Cam Solution



Order Kits 1

DASH CAM 2022

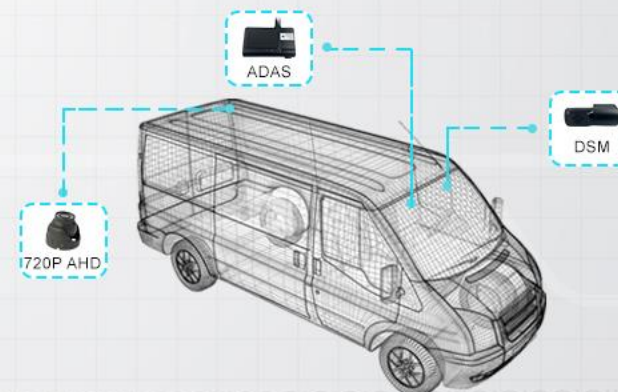
up to 3 channels
support ADAS,DSM,Face Recognition optional



2 channels solution



Order Kits 2



3 channels solution

H.265 DASH CAM For 3 Channels AHD (1x1080P+2x720P)

Dual TF cards video storage, up to 256 GB each

ADAS & DSM & Face recognition(optional)

With 6 axis Gyroscope (G-Sensor)

Emergency alarm button

Dangerous Goods Vehicles& Coach Surveillance Solution





Products – Domestic HDD MDVR



AI model



JH5S-D2

8CH 1080P AHD

(DSM、ADAS、BSD、360 Panoramic)

Ministry of Public Security Standard
Ministry of Transport Standard
The No.115 document certification of the ministry of communications
Provincial Standard of Jiangsu, Sichuan, Jilin, Guangdong, Heilongjiang

- H.265 / H.264
- 8CH 1080P AHD +1 CH 1080P IPC
- 4G LTE
- Built-in printer, GPS/BD module
- Support DSM, ADAS , BSD, 360 Panoramic algorithm
- Support 2.5”HDD up to 2TB, and 1 SD card up to 256G
- Support CANBus
- 8 alarm inputs, 2 alarm outputs
- 1*USB port to download files & upgrade firmware
- 1*RS485 , 3*RS232 , 1*Mic input
- 6 axes G-Sensor, support TTS
- 8V-36V wide voltage power supply,
- Working temperature -25°C~ + 75°C

Non-AI model



JH5S-L

5CH / 8CH 720P AHD

Ministry of Public Security Standard
Ministry of Transport Standard
The No.115 document certification of the ministry of communications
Provincial Standard of Jiangsu, Shaanxi

- H.264
- 5CH / 8CH 1080P AHD +1 CH 1080P IPC
- 4G LTE
- Built-in printer, GPS/BD module
- Support to integrate with AI BOX
- Support 2.5" HDD up to 2TB, and 1 SD card up to 256G
- Support CANBus
- 8 alarm inputs, 2 alarm outputs
- 2*USB ports, front one to download files & upgrade firmware, rear one for video backup
- 1*RS485 , 3*RS232 , 1*Mic input
- Internal G-Sensor, support TTS
- 8V-36V wide voltage power supply,
- Working temperature -25°C~ + 75°C

Products – Domestic SD Card MDVR



AI model



JS6A

4CH / 8CH 1080P AHD
(DSM、ADAS、BSD、360 Panoramic)

Ministry of Public Security Standard
Ministry of Transport Standard

- H.265 / H.264
- 4CH 1080P AHD +1 CH 1080P IPC (extendable up to 8CH)
- 4G LTE
- Built-in printer, GPS/BD module
- Support DSM, ADAS , BSD, 360 Panoramic algorithm
- Support 2 SD cards, up to 256G each
- Support CANBus
- 8 alarm inputs, 2 alarm outputs
- 1*USB port to download files & upgrade firmware
- 1*RS485 , 3*RS232 , 1*Mic input
- 6 axes G-Sensor, support TTS
- 8V-36V wide voltage power supply,
- Working temperature -25°C~ + 75°C

Products – Overseas HDD MDVR

JH4AN-HD

Support H.265 / H.264
HDD Ai Moblie DVR, 4+1 CH 1080P

- Up to 5 channels A/V recording, 4 x 1080P AHD + 1 x 1080P IPC
- Accept HDD / SSD storage, and 1 SD card (up to 512GB) for backup (at 4G / Wi-Fi model option)
- Support AI function ADAS / DSM / BSD optional
- Anti-Shock and Anti-Vibration MIL-STD-810G certified
- Hard drive auto-heating startup in freezing weather
- Built-in an integrated 3-axis G-SENSOR + 3-axis gyroscope (a total of 6 axes), to detect and trigger the alarm of rapid acceleration, harsh braking, crash and sharp cornering.
- Operating temperature -40°C ~ +80°C
- On board UPS 8 seconds delay power-off for data protection
- 8V~36V wide voltage power supply



JH8AN-HD

Support H.265 / H.264
HDD Ai Moblie DVR, 8+1 CH 1080P

- Up to 9 channels A/V recording, 8 x 1080P AHD + 1 x 1080P IPC
- Accept HDD / SSD storage, and 1 SD card (up to 512GB) for backup (at 4G / Wi-Fi model option)
- Support AI function ADAS / DSM / BSD optional
- Anti-Shock and Anti-Vibration MIL-STD-810G certified
- Hard drive auto-heating startup in freezing weather
- Built-in an integrated 3-axis G-SENSOR + 3-axis gyroscope (a total of 6 axes), to detect and trigger the alarm of rapid acceleration, harsh braking, crash and sharp cornering.
- Operating temperature - 40°C ~ + 80°C
- On board UPS 8 seconds delay power-off for data protection
- 8V~36V wide voltage power supply



Products – Overseas HDD MDVR

JH4-HYBRID

4 + 4 CH Hard Disk Mobile NVR

- 4 x IPC (1080P / 720P) + 4 x 720P AHD / 960H / D1 / HD1 / CIF
- Built-in Switch 4 x POE (12V) Ethernet Ports
- HDMI Video Output Port
- Accept HDD / SSD storage, and 1 SD card (up to 512GB) for backup (at 4G / Wi-Fi model option)
- Internal G-sensor, GPS, 4G, Wi-Fi 5.8G
- Anti-Shock and Anti-Vibration MIL-STD-810G certified
- Hard drive auto-heating startup in freezing weather
- Operating temperature -40°C ~ +80°C
- On board UPS 8 seconds delay power-off for data protection
- 8V~36V wide voltage power supply



JH8-HYBRID JH8-NVR

8 Channels IPC Hard Disk Mobile NVR

- 8 x 1080P IP camera Video input
- VGA Video Output (JH8 - NVR)
- HDMI Video Output (JH8 - HYBRID)
- Accept HDD / SSD storage, and 1 SD card (up to 512GB) for backup(at 4G / Wi-Fi model option)
- Internal G-sensor, GPS, 4G, Wi-Fi 5.8G
- Anti-Shock and Anti-Vibration MIL-STD-810G certified
- Hard drive auto-heating startup in freezing weather
- On board UPS 8 seconds delay power-off for data protection
- Operating temperature -40°C ~ +80°C
- 8V~36V wide voltage power supply



JH8 - HYBRID



JH8 - NVR

Products – Domestic SD Card MDVR

JS2AN-HD

Support H.265 / H.264
Dual SD Cards 4+1 CH 1080P Ai Mobile DVR



- Up to 5 channels A/V recording, 4 x 1080P AHD + 1 x 1080P IPC
- Accept 2 SD cards storage, up to 512GB each
- Support AI function ADAS / DSM / BSD optional
- Support CAN Bus (customized for integration)
- On board UPS 8 seconds delay power-off for data protection
- 8V~36V wide voltage power supply
- Built-in an integrated 3-axis G-SENSOR + 3-axis gyroscope (a total of 6 axes) to detect and trigger the alarm of rapid acceleration, harsh braking, crash and sharp cornering.



Products – IP67 MDVR

JH0AN

Support H.265 / H.264
SSD Ai Mobile DVR, 4+1 CH 1080P
Waterproof IP67, Hand-sized

- Waterproof & Dustproof IP67, Hand-size Dimension 38 * 146 *155 mm
- Up to 5 channels A/V recording, 4 x 1080P AHD + 1 x 1080P IPC
- Support SSD and SD card (up to 512 GB) storage
- Support AI function ADAS / DSM / BSD optional
- On board UPS 8 seconds delay power-off for data protection
- Built-in an integrated 3-axis G-SENSOR + 3-axis gyroscope (a total of 6 axes), to detect and trigger the alarm of rapid acceleration, harsh braking, crash and sharp cornering.
- 8V~36V wide voltage power supply



JH16

16 channels 720P Mobile DVR,
Dual Hard Disk, IP67

- 16 x 720P AHD Video input, support 960P AHD camera
- Waterproof & Dustproof IP67
- 2 HDD / SSD slots, and 1 SD card (up to 512GB) for backup (at 4G / Wi-Fi model option)
- Internal G-sensor, GPS, 4G, Wi-Fi 5.8G
- Anti-Shock and Anti-Vibration MIL-STD-810G certified
- Hard drive auto-heating startup in freezing weather
- Operating temperature - 40°C ~ + 80°C
- 24V-36V wide voltage power supply



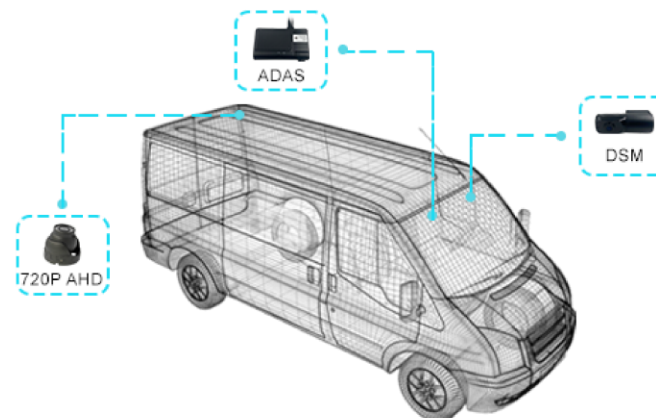
Products – Dash Cam

J17A

up to 3 channels
support ADAS,DSM,Face Recognition optional



- H.265 DASH CAM For 3 Channels AHD (1x1080P+2x720P)
- Dual TF cards video storage, up to 256 GB each
- ADAS & DSM & Face recognition(optional)
- With 6 axis Gyroscope (G-Sensor)
- Emergency alarm button



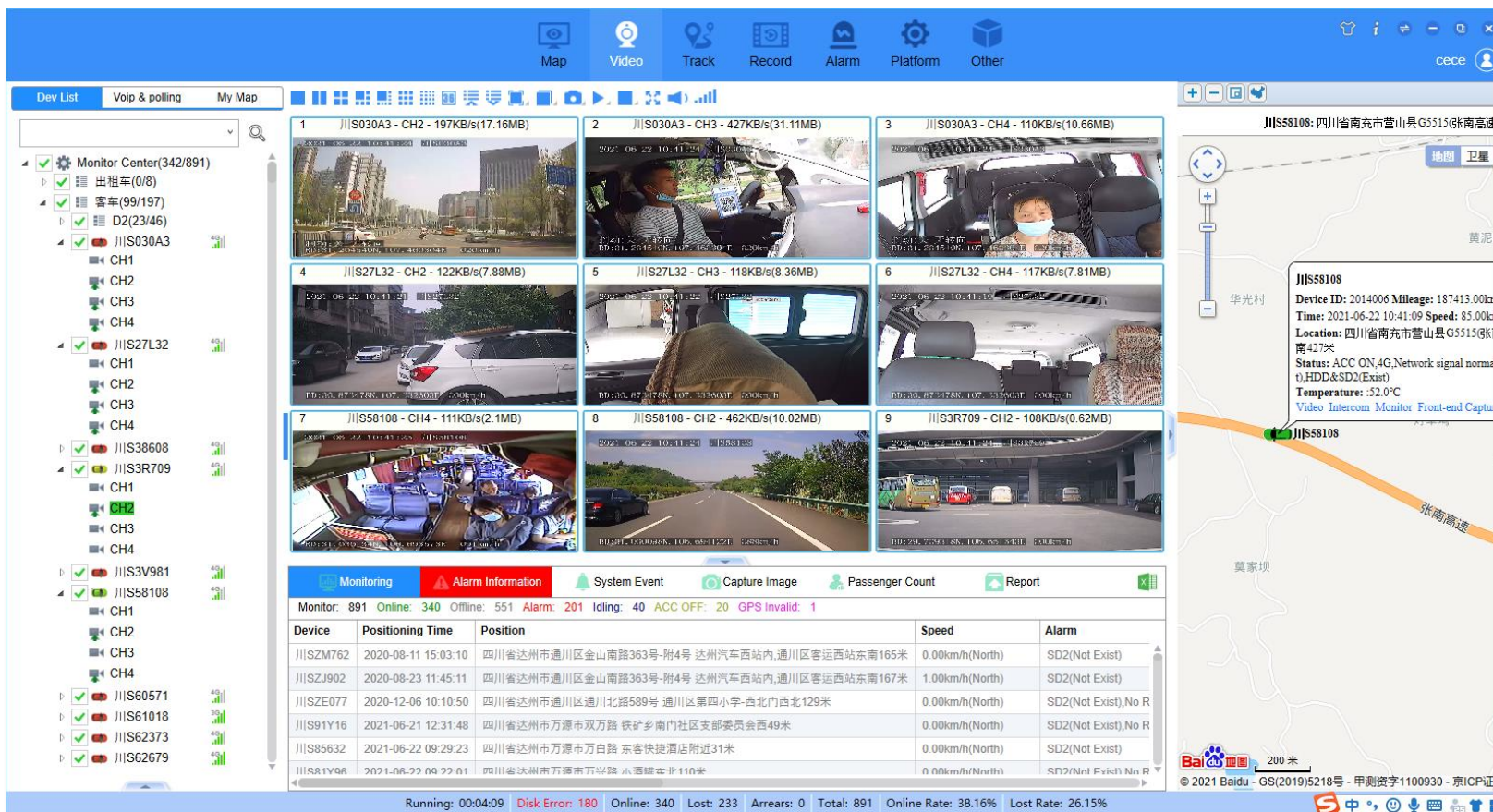
Products – Touch Screen MDVR for Taxi



Taxi Surveillance Solution

This powerful touch screen is perfect for taxi surveillance and fleet management. It's running on Android system, including lots of functions such as real-time video / recording, GPS tracking, network communication, on-board navigation, ADAS/DSM analysis, Face recognition, message notification, telephone, order list, payment record, etc. It is able to integrate with other accessories such as fare meter, LED advertisement panel, POS machine, driver panic button, service evaluator, Status LED displayer, speaker for extended functions.

Products – Platform IVMS



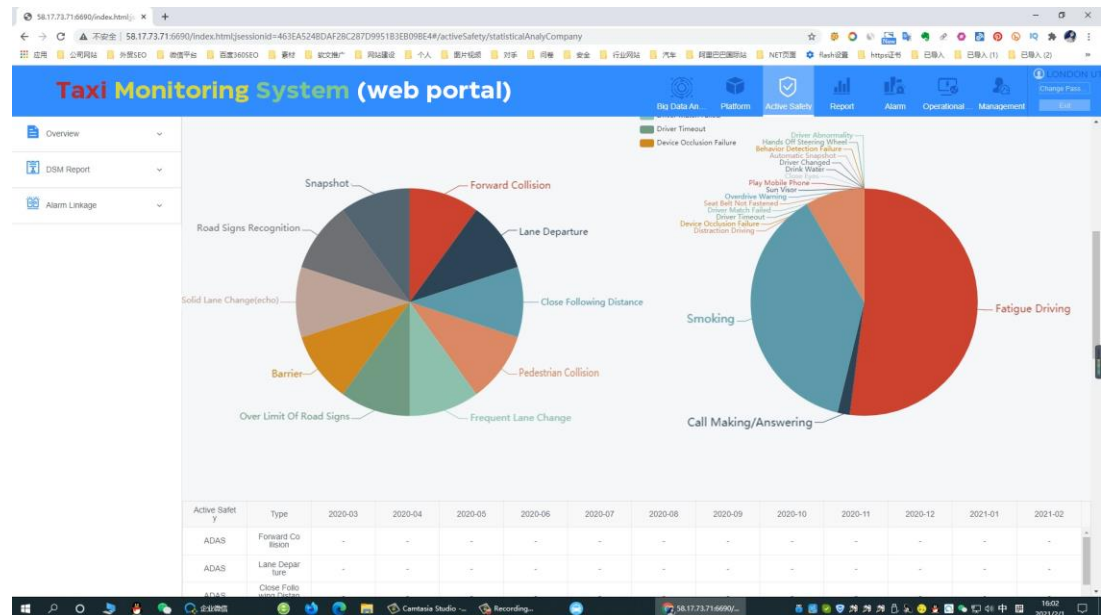
The screenshot displays the ICAR VISIONS IVMS Platform interface, which is a comprehensive monitoring system for vehicles. The interface is divided into several sections:

- Top Navigation Bar:** Contains icons for Map, Video, Track, Record, Alarm, Platform, and Other.
- Left Panel:** A tree view showing the hierarchy of monitored devices. It includes categories like "Monitor Center(342/891)", "出租车(0/8)", "客车(99/197)", and "D2(23/46)". Specific devices listed include 川S030A3, 川S27L32, 川S58108, 川S38608, 川S3R709, 川S3V981, 川S60571, 川S61018, 川S62373, and 川S62679.
- Main Video Area:** A 3x3 grid of video feeds. Each feed shows a different camera view from a vehicle, such as front, rear, side, and interior. The feeds are labeled with device IDs and camera channels (e.g., 川S030A3 - CH2, 川S27L32 - CH2, 川S58108 - CH4).
- Right Panel:** A map view showing the location of the selected device (川S58108) on a road network. It includes a detailed information box for the device, showing its ID, mileage, time, location, status, and temperature.
- Bottom Section:** A table titled "Monitoring" showing a list of monitored devices. The table has columns for Device, Positioning Time, Position, Speed, and Alarm. The status bar at the bottom indicates the overall system health and statistics.

Device	Positioning Time	Position	Speed	Alarm
川S2M762	2020-08-11 15:03:10	四川省达州市通川区金山南路363号-附4号 达州汽车站内, 通川区客运西站东南165米	0.00km/h(North)	SD2(Not Exist)
川SZJ902	2020-08-23 11:45:11	四川省达州市通川区金山南路363号-附4号 达州汽车站内, 通川区客运西站东南167米	1.00km/h(North)	SD2(Not Exist)
川SZE077	2020-12-06 10:10:50	四川省达州市通川区通川北路589号 通川区第四小学-西北门西北129米	0.00km/h(North)	SD2(Not Exist), No R
川S91Y16	2021-06-21 12:31:48	四川省达州市万源市双万路 铁厂乡南门外社区支部委员会西49米	0.00km/h(North)	SD2(Not Exist), No R
川S85632	2021-06-22 09:29:23	四川省达州市万源市万白路 东客快捷酒店附近31米	0.00km/h(North)	SD2(Not Exist)
川S81Y96	2021-06-22 09:22:01	四川省达州市万源市万白路 小西坝本业110米	0.00km/h(North)	SD2(Not Exist), No R

Running: 00:04:09 | Disk Error: 180 | Online: 340 | Lost: 233 | Arrears: 0 | Total: 891 | Online Rate: 38.16% | Lost Rate: 26.15%

Comprehensive Summary For Taxi Fleet



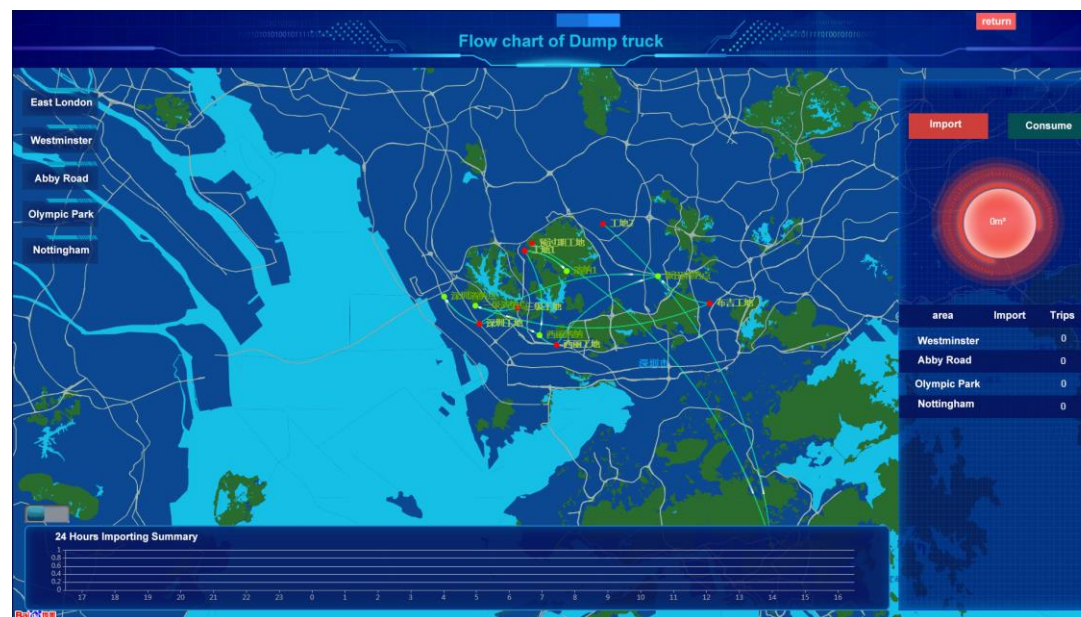
Products – Dump Truck Surveillance Platform



Summary Page Featuring Operational Data



Flow Chart For Dump Truck



Products – App ICARVIEW



The mobile client Icar View, this powerful APP includes real-time video, GPS tracking, vehicle movement history playback, speed information, specific video search and playback, snapshot and other functions to monitor your vehicles



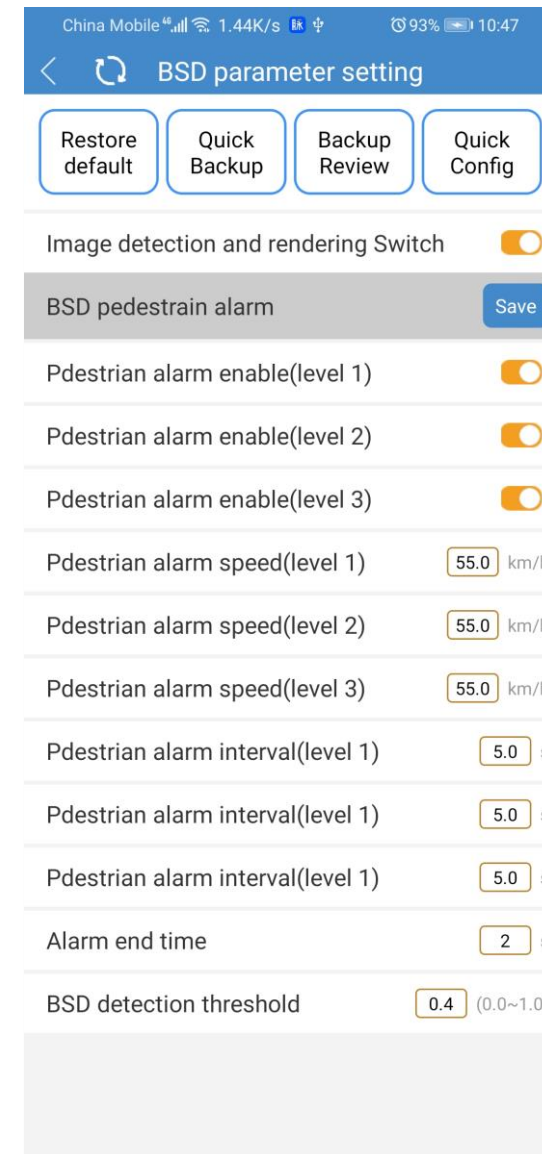
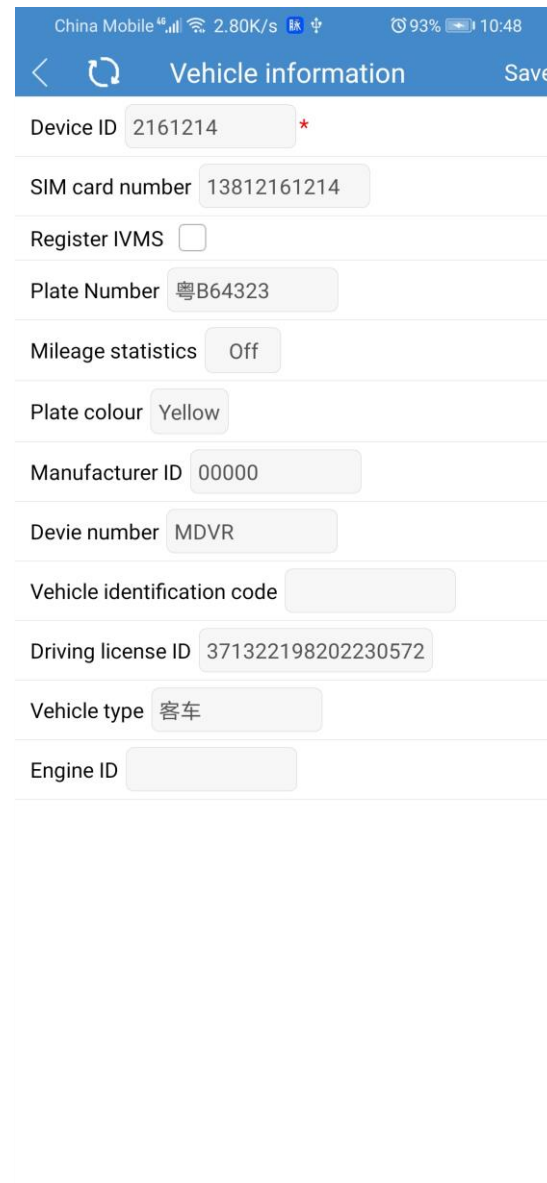
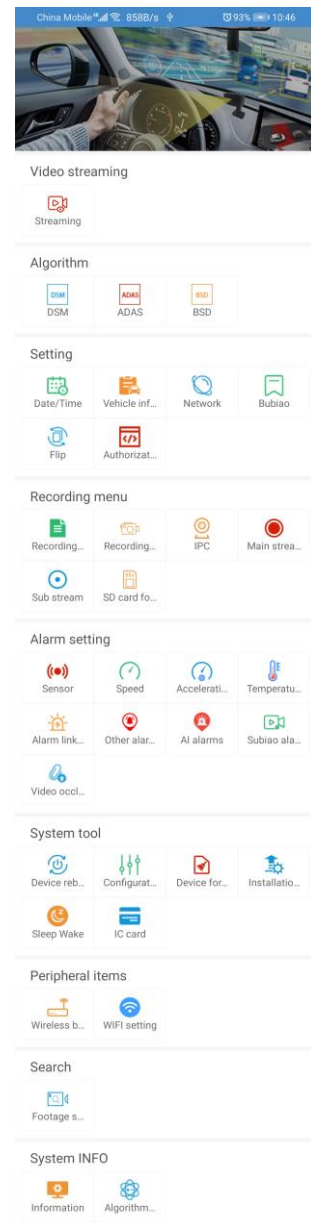
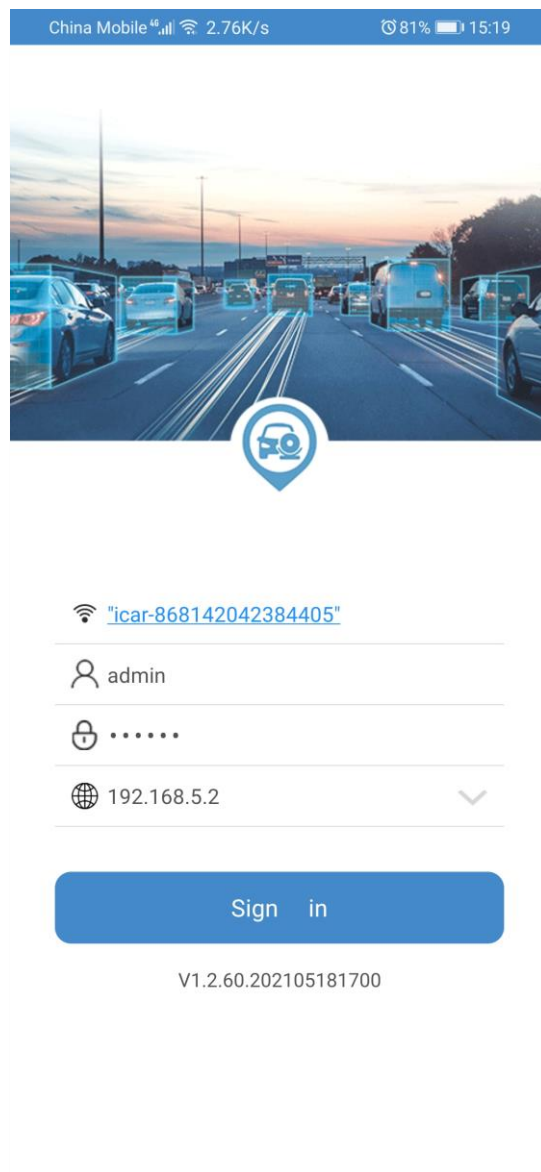
- GPS Tracking
- Vehicle Movement History Playback
- Speed Information
- Specific Video Search and Playback
- Snapshot
- PTZ Control



The real time monitoring via phone, you can achieve following features in both Android&ios



Products – App iCalibration



IP Vehicle Camera



JI-MC019

- ★ 1920*1080 25 / 30FPS
- ★ 3.6mm lens optional with IR
- ★ High-resolution(2.0 Mega pixel)
- ★ Waterproof IP67
- ★ Support 12V POE power supply (802.3af)



JI-SP225

- ★ 1920*1080,25 / 30FPS
- ★ 2.8mm lens optional
- ★ Mini Camera
- ★ High-resolution(2.0 Mega pixel)
- ★ Support 12V POE power supply (802.3af)



JI-MC609

- ★ 1920*1080, 25 / 30FPS
- ★ 2.8/3.6mm lens optional
- ★ High-resolution(2.0 Mega pixel)
- ★ Support IR function,infrared rang up to 10m
- ★ Audio fuction optional
- ★ Support 12V POE power supply(802.3af)



JI-MC510

- ★ 1920*1080, 25 / 30FPS
- ★ 2.8/3.6mm lens optional
- ★ High-resolution(2.0 Mega pixel)
- ★ Support IR function,infrared rang up to 10m
- ★ Audio fuction optional
- ★ Waterproof IP67 optional
- ★ Support 12V POE power supply(802.3af)

Products – Vehicle Cameras



AHD Vehicle Camera



JA-612B

- ★ 960P/1080P AHD
- ★ 2.8/3.6mm lens optional
- ★ Support IR function, LED range 10m
- ★ Size: ø 59 x 52 mm



JA-MC225

- ★ 960P/1080P AHD
- ★ 2.8 / 3.6 mm lens optional
- ★ Mini Camera
- ★ Size: 49.5 x 47.5mm



JA-MC018

- ★ 960P/1080P AHD
- ★ 2.8/3.6mm lens optional
- ★ Waterproof IP67
- ★ Support IR function, LED range 10m
- ★ Size: 79 x 65 x 38mm



JA-MC609

- ★ 960P/1080P AHD
- ★ 2.8/3.6mm lens
- ★ Support IR function, infrared range up to 10m
- ★ Audio optional
- ★ Size: ø94 x 76 mm



JA-MC921 (DSM)

- ★ 1080P AHD
- ★ 6mm lens
- ★ 10PIN Aircraft Round Connector
- ★ PAL / NTSC
- ★ IR LED 3535*2 pcs,
- ★ Support DC 12V±5%
- ★ Support Audio & Speaker
- ★ Size: 80*86.5*37.5mm



JA-MC804(BSD)

- ★ 1080P AHD camera
- ★ FH8536H + GC2053
- ★ 2.1mm lens
- ★ Support 12V DC ±10%
- ★ IP67
- ★ Easy side installation
- ★ Low power consumption
- ★ Size: 52*55*33mm



JA-MC019

- ★ 960P/1080P AHD
- ★ Support IR function, LED range 30m
- ★ Size: 75 x 95 x 56mm



JA-MC510

- ★ 960P/1080P AHD
- ★ 2.8/3.6mm lens optional
- ★ Audio optional
- ★ Support IR function, LED range 10-15m
- ★ Size: ø 68.8 x 59.2 mm



JA-MC900

- ★ 960P/1080P AHD
- ★ Dual lens, with panic button
- ★ 2.8mm & 2.1mm (wide angle 130°)
- ★ 4pcs Laser IR LED, infrared range 5M
- ★ Size: 96x75x48mm



JA-MC920(ADAS)

- ★ 1080P AHD
- ★ 6mm lens
- ★ Aircraft Round Connector
- ★ PAL / NTSC
- ★ Support DC 12V±5%
- ★ Size: 105*68*43mm



JA-MC922(BSD)

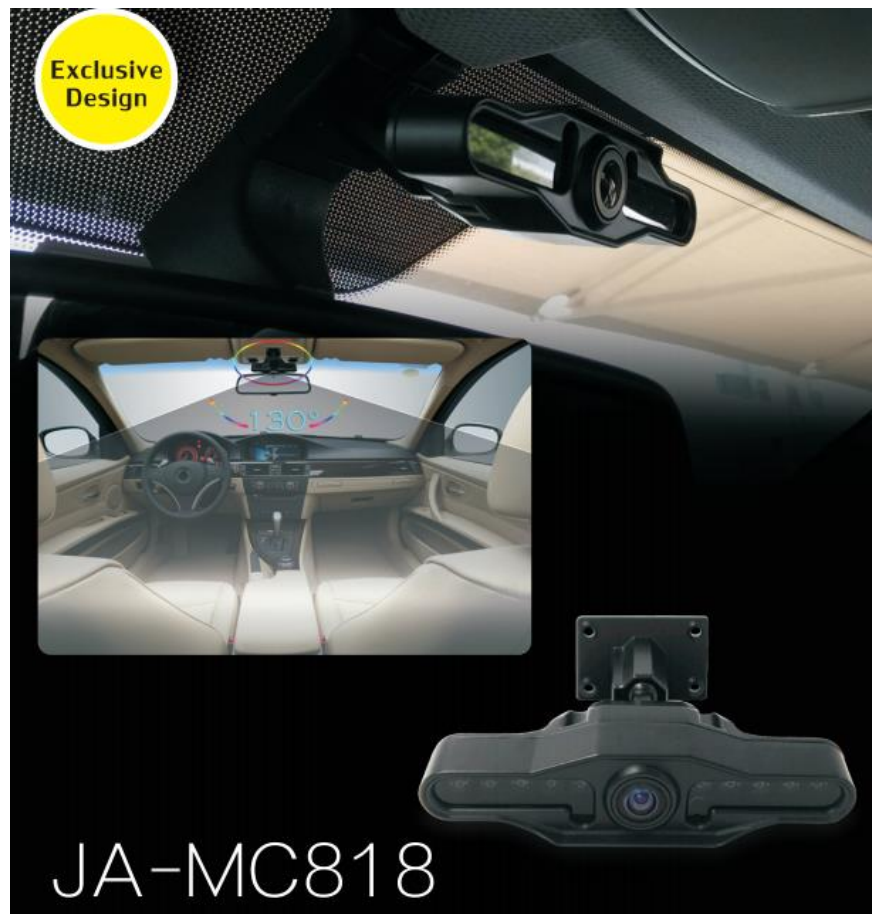
- ★ 1080P AHD camera
- ★ FH8550 + 1/2.8" CMOS IMX307
- ★ Infrared LED range 25m
- ★ Support 12V DC ±10%
- ★ must work with the MDVR with such algorithm
- ★ IP67
- ★ Support Side installation (6mm)



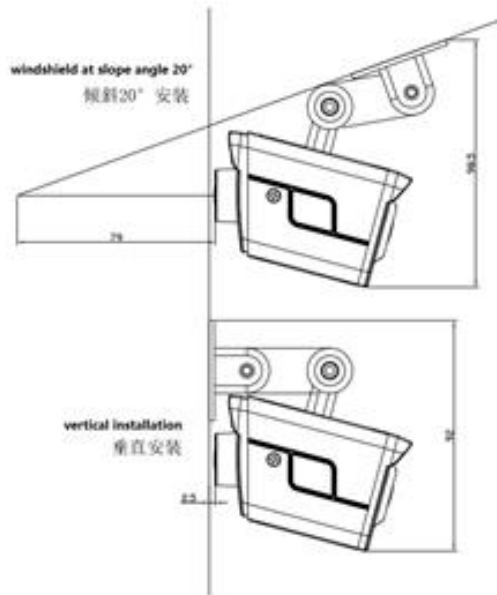
Audible and Visual Alarm

- ★ RS485
- ★ 12V
- ★ 5PIN Around aviation connector
- ★ Trigger continuous frequency alarm sound and voice announcement or other voice

Products – Exclusive Design Cameras



Products – Exclusive Design Cameras



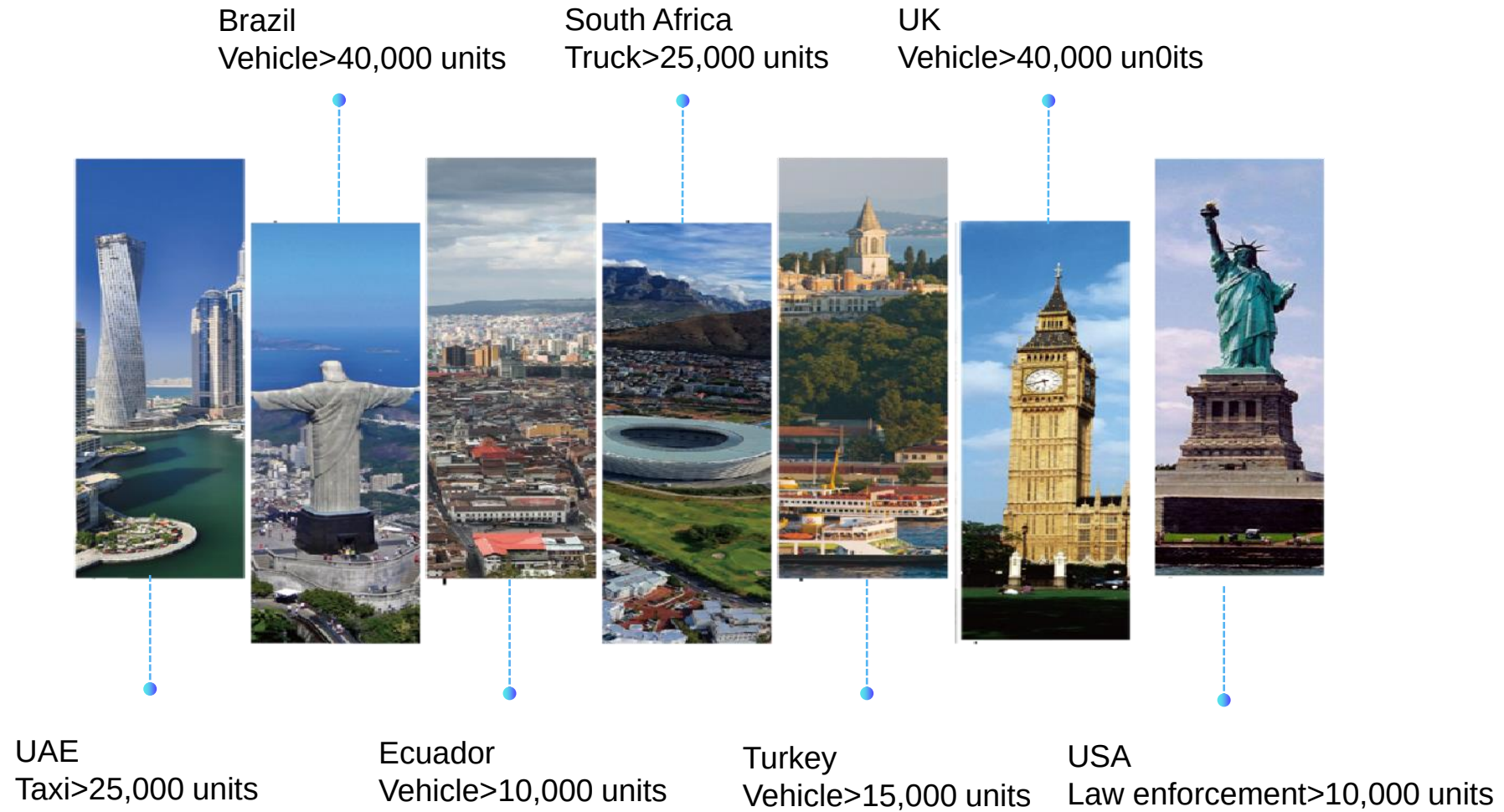
JA-MC900



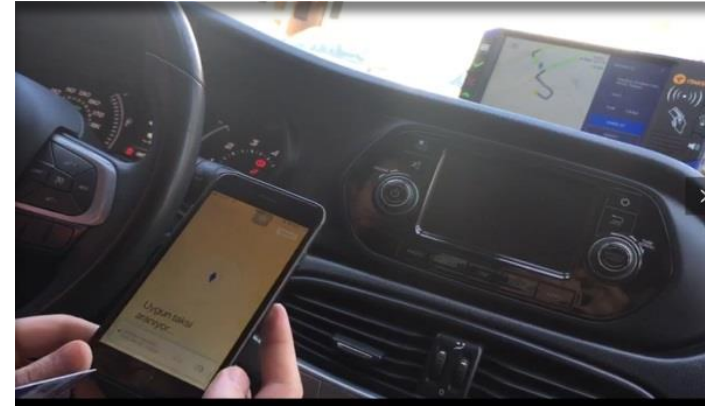
JA-MC910



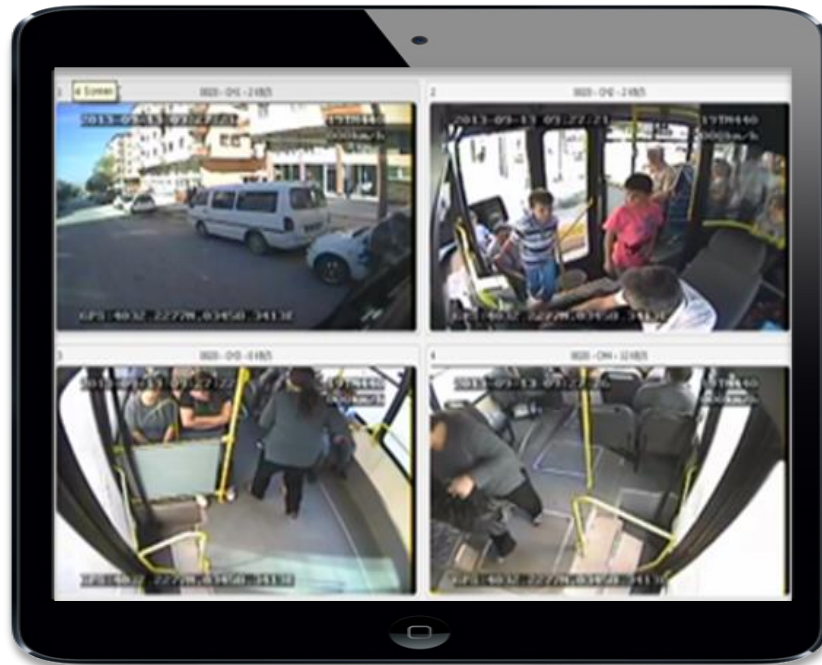
Worldwide Solution



Turkey Taxi project > 11,000 units



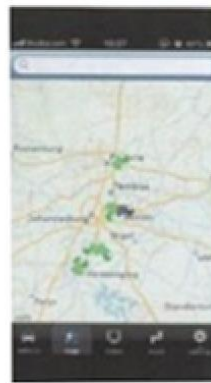
Turkey Bus project > 8,000 units



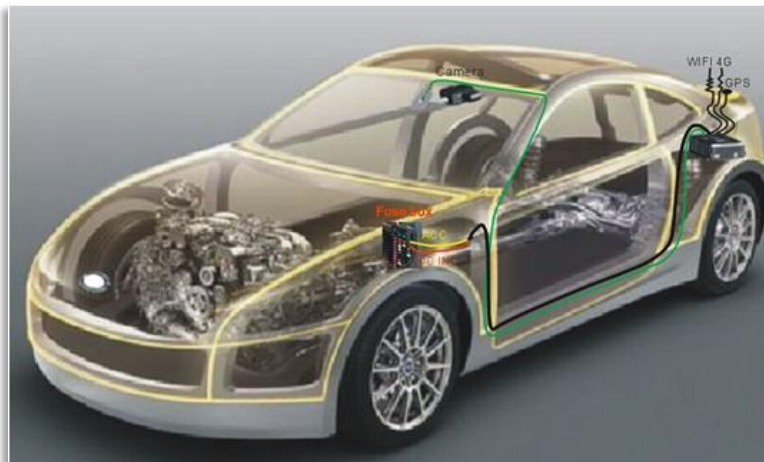
UK Transit > 25,000 units



South Africa (Trucks and Bus > 20,000 units)



UAE Taxi project > 25,000 units



Worldwide Projects

Zoomlion Heavy Industry Auto Factory (360 Panoramic View)



Domestic Taxi projects



Nanjing



Xingjiang



Jiangxi



Yunnan



Jilin

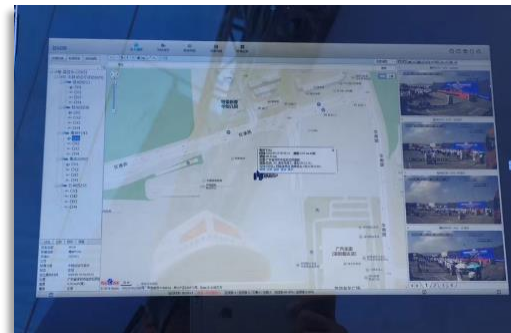
Coaches and Dangerous Goods Vehicles

Jiangsu > 15,000 Shandong > 10,000 Shaanxi > 3,000

Hubei > 5,000 Ningxia > 3,000 Yunnan > 5,000



the Belt and Road project China – Vietnam International Road Transport



the Belt and Road project China – Kyrgyzstan - Uzbekistan International Road Transport



National Event – The opening ceremony of the BeiDou-3 global navigation Satellite System



The Completion and commissioning of BeiDou-3 Navigation Satellite System was held in Beijing on 31 July, 2020. Chinese President Xi Jinping, also general secretary of the Communist Party of China (CPC) Central Committee and chairman of the Central Military Commission (CMC), announced on Friday the completion and commissioning of the BeiDou Navigation Satellite System (BDS-3) at a ceremony marking the launching of the system. Xi and other Chinese leaders attended the ceremony at the Great Hall of the People in Beijing and visited an exhibition of the construction, development and achievement of the BDS, where the equipment of ICARVISIONS was presented.



World Expo



IFSEC



SEKURICA



EMS



CITE Shenzhen



ISCW



**Public Safety and Security
Beijing / Shenzhen**



ITS Expo Shenzhen

ICARVISIONS (SHENZHEN) TECHNOLOGY CO., LTD.

Thank You
