



India's Most Reliable GPS Solution



Stcoverseas Enhancing Solution

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An IB World School



The Shri Ram Universal School
Igniting Curiosity, Nurturing Creativity

GPS TRACKER



STC18



STC03



STC 17S



STC M01

OBD TRACKER



STC T02



PS25

ASSET TRACKER



STC20



STC01



STC40



STC ID-CARD

E- LOCKS



PL610S



STC GL600



PL620S



PL610/PL620

DASHCAM



T98 AI



T98 AI



T98 1+2



T98 1+3

FUEL SENSORS



STRELA D485



STRELA WD

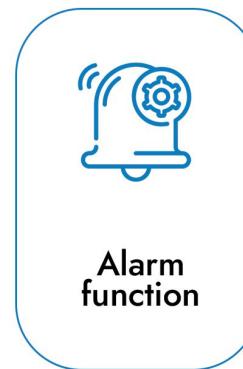
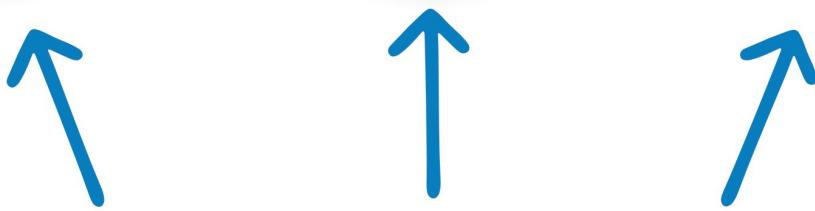


STRELA WS



CLS2

GPS TRACKER APPLICATION





Welcome To The World of **GPS Tracker**





STC EV02



Real Time Tracking

The process of continuously monitoring the location, status, or progress of people, assets, or processes in real time



Remote Fuel Cut Off

A device that allows real-time tracking of a vehicle location and enables the user to cut off its fuel supply remotely.

Voltage Input 9-90v

Device weight 30g

Operating Temperature -20C - 70C

Back-up Battery 55mAh

Dimension(mm) 72(L)*31(W)*12(H)



Trace Playback

Shows your travel history, including where and how you traveled, on an Android phone or tablet.



Over Speed Alram

A safety feature that uses GPS and a database of speed limits to alert drivers when they are speeding.



STC G19H



Real Time Tracking

The process of continuously monitoring the location, status, or progress of people, assets, or processes in real time



Remote Fuel Cut Off

A device that allows real-time tracking of a vehicle location and enables the user to cut off its fuel supply remotely.

Voltage Input 9-90v

Device weight 32g

Operating Temperature -20C - 70C

Back-up Battery 55mAh

Dimension(mm) 74(L)*35(W)*13(H)



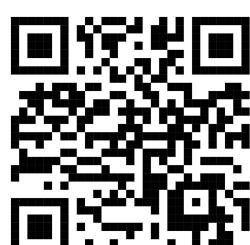
Over-speed Alarm

A safety feature that uses GPS and a database of speed limits to warn drivers when they are speeding



Trace Playback

Shows your travel history, including where and how you traveled, on an Android phone or tablet.





STC S-100

**Real Time Tracking**

The process of continuously monitoring the location, status, or progress of people, assets, or processes in real time

**Remote Fuel Cut Off**

A device that allows real-time tracking of a vehicle location and enables the user to cut off its fuel supply remotely.

**ACC Detection**

ACC detection is the detection of vehicle ignition switch

**Disassemble Alarm**

A device that can be used to track the location of a person or vehicle and alert users if it is being taken apart

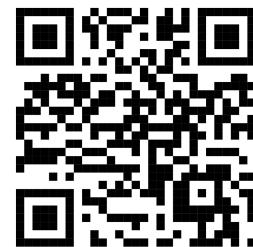
Voltage Input 9-90v

Device weight 30g

Operating Temperature -20C - 70C

Back-up Battery 55mAh

Dimension(mm) 75(L)*33(W)*12(H)



STC A-200

**Real Time Tracking**

The process of continuously monitoring the location, status, or progress of people, assets, or processes in real time with water proof

**SOS + MIC/ AC**

1. Enables to monitor unusual sounds.
2. Alerts you in emergency situations.

**Mileage Data**

A safety feature that uses GPS and a database of speed limits to warn drivers when they are speeding

**Trace Playback**

Shows your travel history, including where and how you traveled, on an Android phone or tablet.

Voltage Input 9-90v

Device weight 32g

Operating Temperature -20C - 70C

Back-up Battery 55mAh

Dimension(mm) 75(L)*33(W)*12(H)





STC920



Real Time Tracking

Update position every 10 seconds with continuous tracking



Three Server Enabled

A GPS tracking device that can connect to three servers



Geo-fence Alarm

Users can set a range of geo-fence on map with circle, polygon or customize shape, and it will alarm when the device gets in or out of presetting range via APP or SMS

Voltage Input 9V - 90V

Device weight 38g

Operating Temperature -20C - 75C

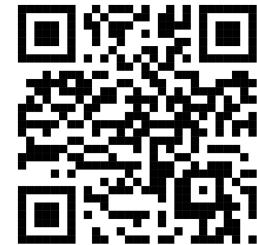
Back-up Battery 300mAh

Dimension(mm) 82(L)*30.5(W)*14.8(H)



Over-Speed Alarm

Sends an alert when the vehicle exceeds the preset speed limit to promote safer driving.



STC18



Real Time Tracking

The process of continuously monitoring the location, status, or progress of people, assets, or processes in real time



Driver Behaviour

Use GPS data and other sensors to track and analyze a driver's actions, helping to improve safety and efficiency



Light Sensor

A device that uses a light sensor and GPS to detect when a device is exposed to light or when it is placed in darkness.



Rapid Acceleration

A device that measures the rate of change in velocity (acceleration) of an object over time

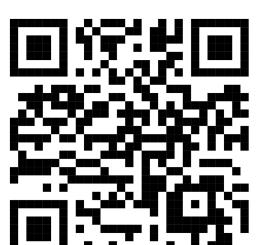
Voltage Input 9-90v

Device weight 28g

Operating Temperature -25C - 75C

Back-up Battery 55mAh

Dimension(mm) 85(L)*24(W)*14(H)





Real Time Tracking

Update position every 10 seconds with continuous tracking



RS485 Port

Advanced ports for gathering and analyzing fuel data.



BLE 5.0 Sensor Support

Advanced Bluetooth connectivity for seamless integration with additional sensors.



Fuel Sensor Support

Monitors fuel levels and consumption to prevent fuel theft.

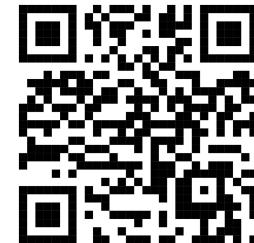
Voltage Input 9.90V

Device weight 47g

Operating Temperature -20C - 75C

Back-up Battery 250mAh

Dimension(mm) 79.5(L)42(W)12.5(H)



PS10C

Fuel level sensor

500 l

370 l

ESCORT TD-500

RS485 Port

Advanced ports for gathering and analyzing fuel data.

Analog Input Digital

Supports external sensors for fuel, temperature, or pressure monitoring.

BLE 5.0 Sensor Support

Advanced Bluetooth connectivity for seamless integration with additional sensors.





Welcome To The World
of
Asset Tracker





STC40

**Real Time Tracking**

Update position every 10 seconds with continuous tracking

**3000mAh Battery**

3000mAh large battery for long standby time.

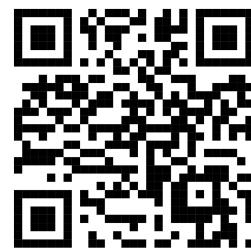
**Driver Behaviour**

If the vehicle's driving speed exceeds the set speed, an overspeed alarm is uploaded.

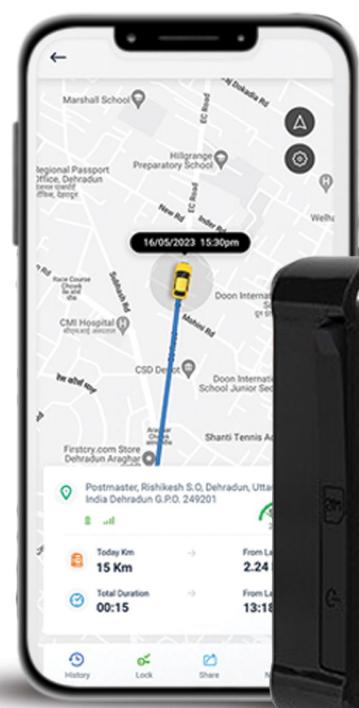
**Trace Playback**

Device provide trace history of your vehicle/asset

Voltage Input	4.12v
Device weight	92.5g
Operating Temperature	-20C - +70C
Back-up Battery	3000mAh
Dimension(mm)	75(L)*45(W)*21(H)



Every Move, Always Tracked.





STC20

Real Time Tracking

Update position every 10 seconds with continuous tracking

Light Sensor

Device sends notification when someone removes the device from its place

6000mAh Battery

6000mAh large battery for long standby time.

Trace Playback

Device provide trace history of your vehicle/asset

Voltage Input	3.7V.
Device weight	175g
Operating Temperature	-25C - 80C
Back-up Battery	6000mAh
Dimension(mm)	80(L)*50(W)*32(H)



STC K10

Real Time Tracking

Update position every 10 seconds with continuous tracking

Driver Behaviour

Device sends notification when someone removes the device from its place

10000mAh Battery

10000mAh large battery for long standby time.

Trace Playback

Device provide trace history of your vehicle/asset

Voltage Input	3.7V.
Device weight	218.5g
Operating Temperature	-20C - +60C
Back-up Battery	10000mAh
Dimension(mm)	85(L)*61(W)*31(H)



STC - ID 02

Product Specifications

Real Time Tracking

Battery - Rechargeable 1500mAh

Network - 2G

GSM - 850/900/1800/1900MHz

Motion and Vibration Detection

Working Temperature: -20°C - 45°C

Tracking System - APP + Web + SMS

Features



Real Time Tracking



Safety Alerts



SOS Button



Set Safe Zone



**Two Way Voice
Calling**



Monitoring





Welcome To The World *of* **OBD Tracker**





PS25

Real Time Tracking

Update position every 10 seconds with continuous tracking

Mileage Report

It can help you to know how far you drove.

Smart Plug and Play

Easy to install with 16 pins to connect vehicle obd port.

Trace Playback

Device provide trace history of your vehicle/asset

Voltage Input	3.7V.
Device weight	175g
Operating Temperature	-25C - 80C
Back-up Battery	55mAh
Dimension	80(L)*50(W)*32(H)



STC X-110

Real Time Tracking

Update position every 10 seconds with continuous tracking

Car Diagnosis

The smart system of the vehicle constantly monitors various functions of the vehicle.

Over-speed Alarm

Device send an alert when the devices cross a preset speed

Trace Playback

Device provide trace history of your vehicle/asset

Voltage Input	9-35v
Device weight	41g
Operating Temperature	-20C - 70C
Back-up Battery	60mAh
Dimension	47(L)*20(W)*43(H)



Welcome To The World of **Dashcam Tracker**



STC 94 NON AI DASHCAM GPS TRACKER

Product Features

Video: 2CH



Real Time Tracking

Resolution: build-in 1CH 1080P forward camera + 1CH 720P

Two Way Voice Calling

Storage: 1xTF card Max (512GB)

Working Voltage: 9-36V

Operation Temperature: -30°C - 70°C



STC1+2 DASHCAM GPS TRACKER

Product Features

Video: 3CH

Real Time Tracking

Resolution: build-in 1CH 1080P + 2CH 720

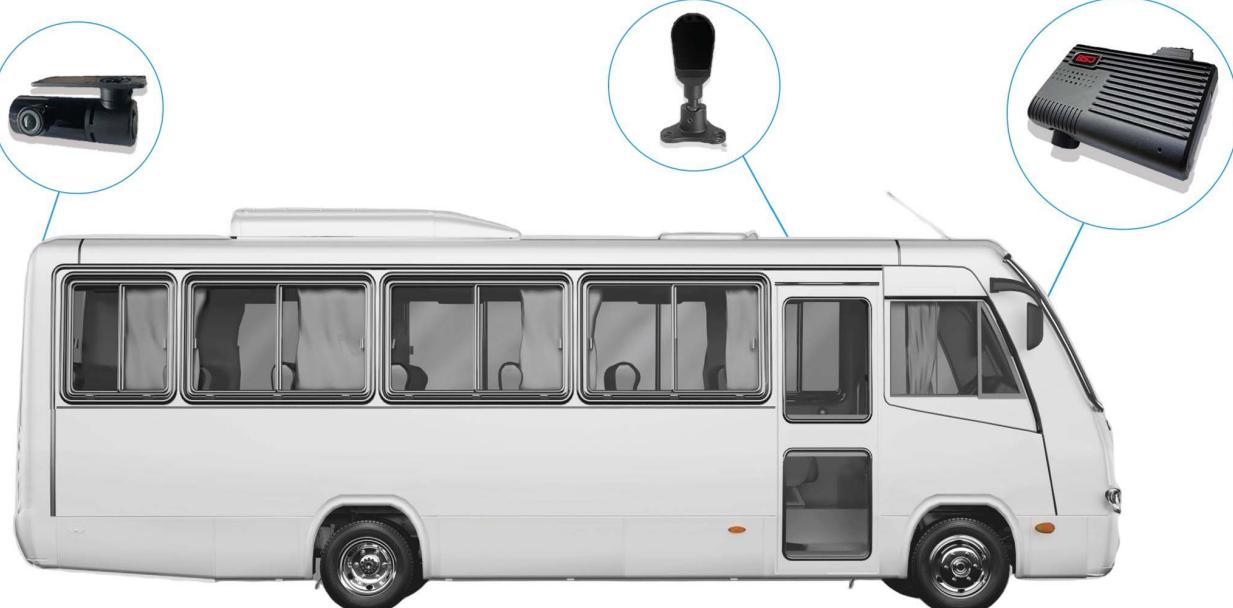
3 AXIS G- Sensor

ADAS & DMS

Storage: 1xTF card Max (512GB)

Working Voltage: 10 -36V

Operation Temperature: -20°C - +60°C



STC 1+3 DASHCAM GPS TRACKER

Product Features

Video: 4CH

Real Time Tracking

Resolution: build-in 1CH 1080P + 3CH 720

Support ADAS and DMS AI Safety

Storage: 2xTF card Max (512GB)

Working Voltage: 10V - 36V

Operation Temperature: -20°C - +60°C



Additional

STC AI Dashcam GPS TRACKER

Product Features

Video: 2CH

Real Time Tracking

Resolution: build-in 1CH 1080P + 1CH 720

Support ADAS and DMS AI Safety

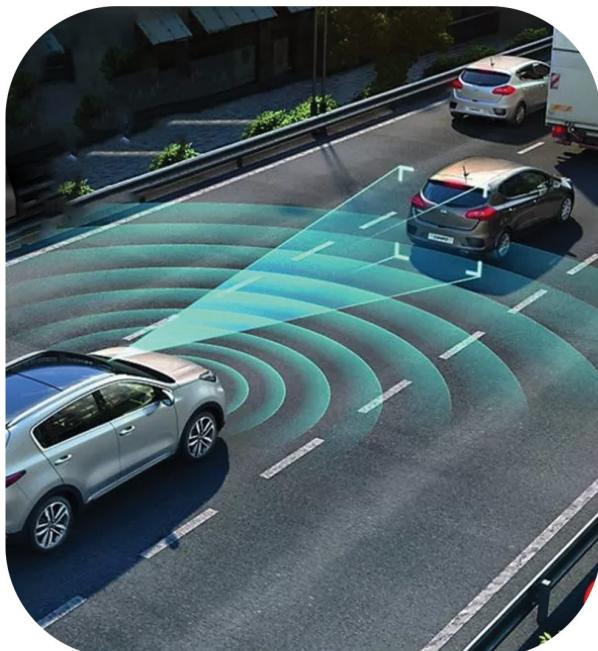
Storage: 1xTF card Max (512GB)

Working Voltage: +9V - +36V

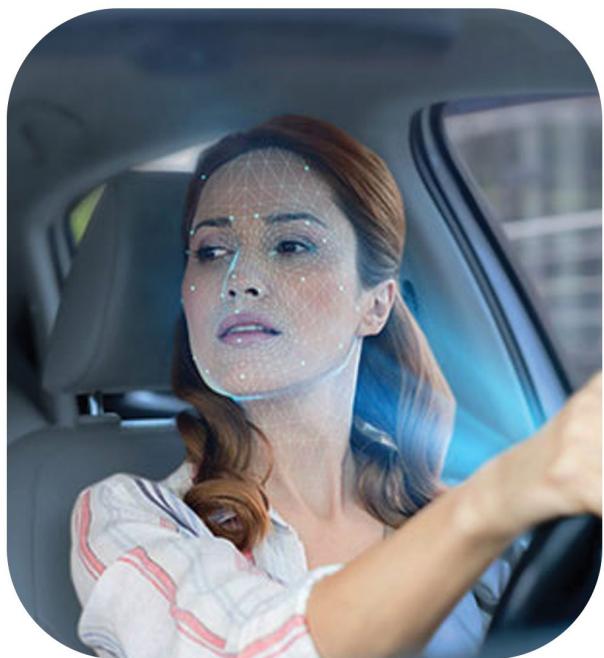
Operation Temperature: -20°C - +70°C



ADAS



DMS



4G AI CAM GPS All in one

Product Features

Video: Out Door Camera



Real Time Tracking

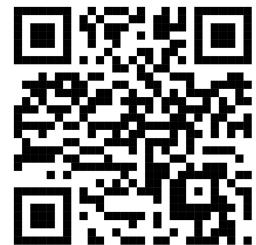
Resolution: build-in 720* 1080

Human Detection

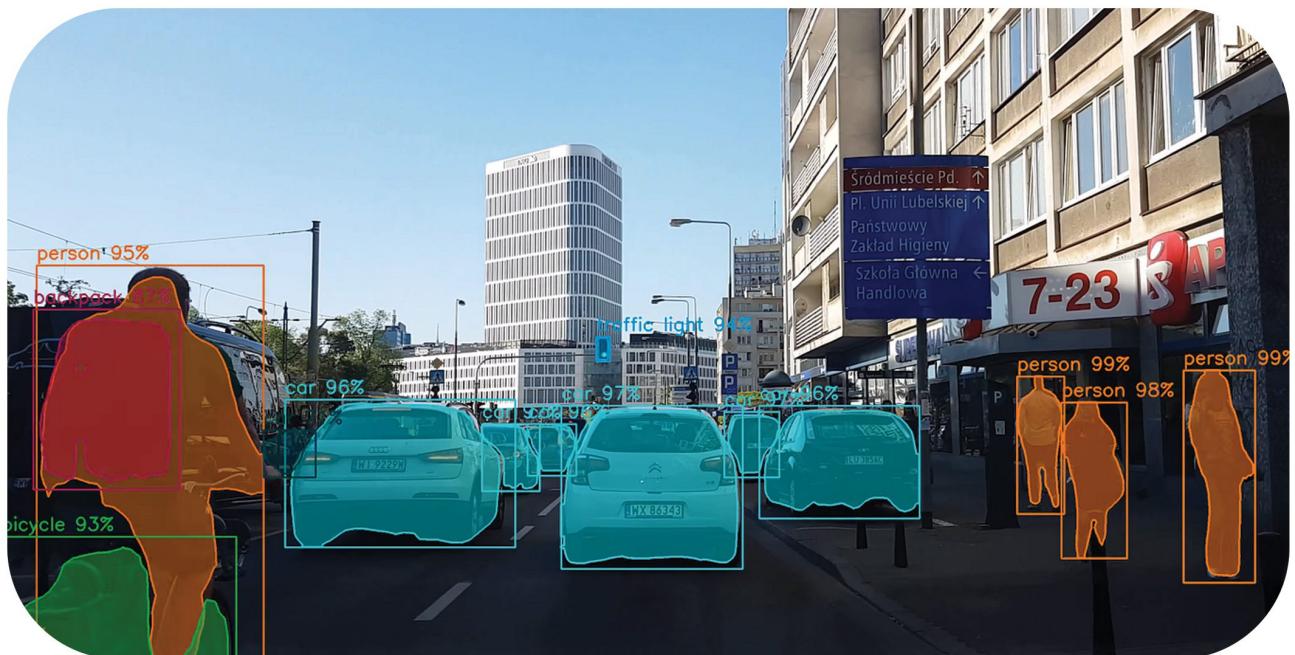
Storage: 1xTF card Max (512GB)

Working Voltage: 9V - 36V

Operation Temperature: -25°C - +70°C



Human Detection





Welcome To The World *of* **E-Lock Tracker**



CONTAINER E- LOCK With GPS TRACKER

Product Features

Real Time Tracking

Multiple Unlock Method

Dual Sim Connectivity

2G/4G GSM & GPRS Support

Low Power Consumption

Working Voltage: 9V - 36V

Operation Temperature: -25°C - +70°C



[STC610](#)

[STC620](#)



Unlock Method

Unlock by RFID CARD

Unlock by Bluetooth

Unlock by Application

CONTAINER E- LOCK With GPS TRACKER

Product Features



Solar Panel

Real Time Tracking

Multiple Unlock Method

Dual Sim Connectivity

2G/4G GSM & GPRS Support

Solar Panel

Working Voltage: 9V - 36V

Operation Temperature: -25°C - +70°C



[STC610](#)



[STC630](#)



Unlock Method

Unlock by RFID Card

Unlock by Bluetooth

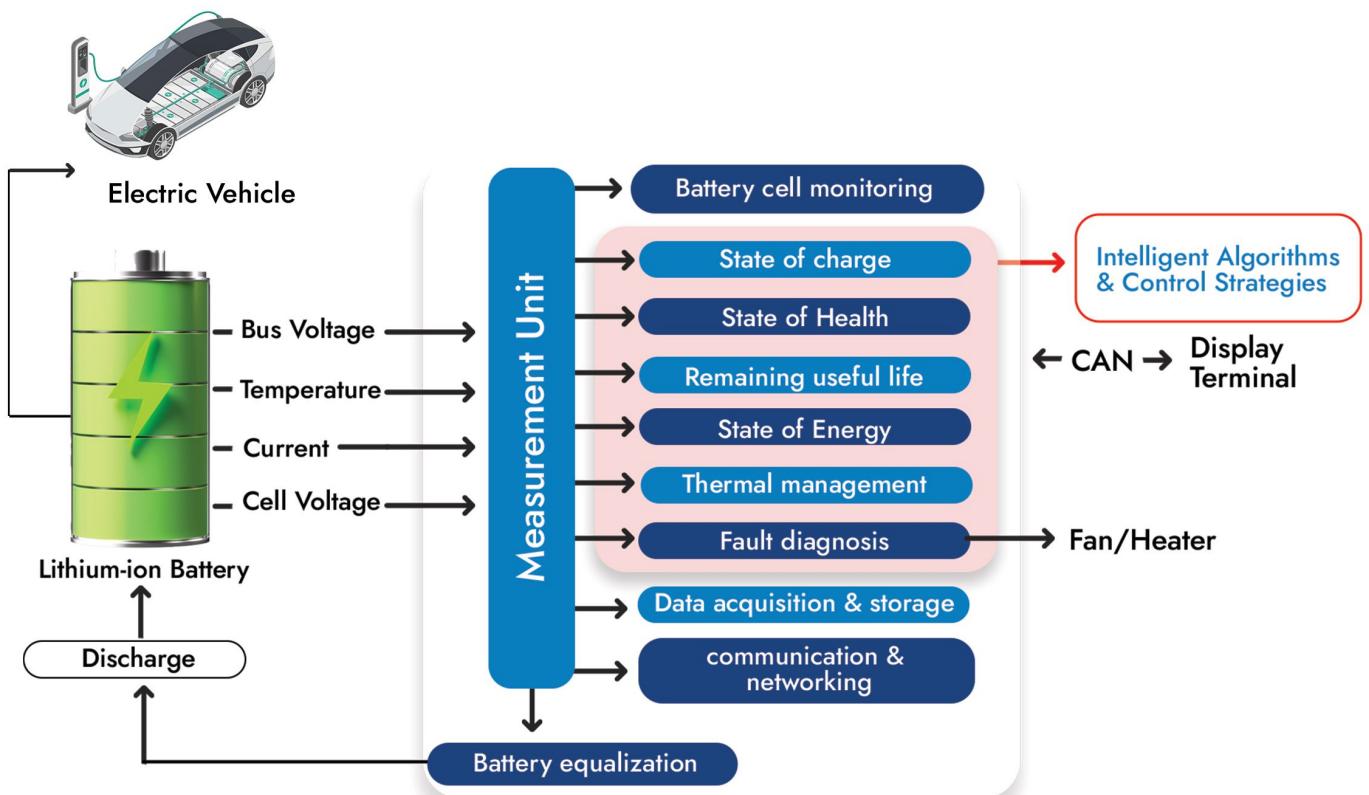
Unlock by Application



Welcome To The World of **EV Vehicle Tracker**



Battery Management System



STC06 NON BMS

Real Time Tracking
Update position every 10 seconds with continuous tracking

Battery Cut Off
Auto Cutoff Battery Discharge/charge if Temp of cell go high in case of heavy load

External voltage
External voltage" refers to a voltage that is applied to a circuit or device from a source outside of the system itself

Input Power	9.90V
Device weight	66g
Operating Temperature	-20c - 70C
Internal Battery	100mAh
Dimension(mm)	74(L)*36(W)*15(H)

Temp sensor data
Detecting changes in physical properties such as resistance, voltage, or current that vary with temperature



STC11

**Real Time EV Tracking**

Update position every 10 seconds
with continuous tracking

**Theft control**

A GPS tracking device used
to monitor the location of valuable
assets like vehicles

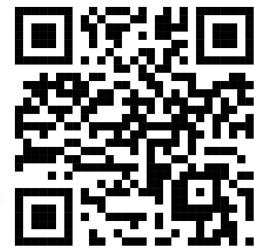
**Battery health**

A measure of how much charge
is available in a battery

**BLE supported**

Supported With Ble

Input Power	9.90V
Device weight	50g
Operating Temperature	-25 - 70C
Battery Power	60mAh
Dimension(mm)	78(L)*65(W)*31(H)



Benefits of BMS in Electric Vehicles



Tracks voltage,
current & temperature



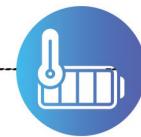
Prevents overcharge
or overheating



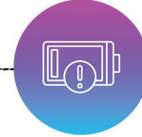
Estimates battery
charge level



Ensures uniform
charge across cells



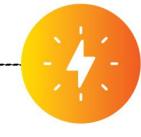
Manages battery
temperature



Alerts for any
battery issues



Interfaces with
vehicle systems



optimizes power
flow for efficiency



STC26

**Real Time Tracking**

Update position every 10 seconds with continuous tracking

**Wheel Lock IOT**

A security device that combines a traditional wheel lock with GPS tracking technology

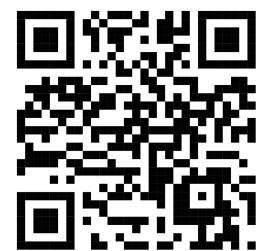
**Ignition Detection**

a GPS tracking device that allows it to monitor and report when a vehicle's ignition is turned on or off

**RTOS Based Device**

IoT devices. RTOSs are used to ensure that tasks are completed within strict time constraints.

Input Power	9.90V
Device weight	66g
Operating Temperature	-20c - 70C
Internal Battery	100mAh
Dimension(mm)	74(L)*36(W)*15(H)



Wheel Lock IOT

WHEEL LOCK	Action	Date	Time
WHEEL LOCK1	Wheel Unlock Lock Set	Fri, Mar 07 2025	05:39:49 pm
WHEEL LOCK1	Wheel Lock Set	Fri, Mar 07 2025	05:39:30 pm
WHEEL LOCK	Spinlock	Fri, Mar 07 2025	05:39:46 pm
WHEEL LOCK1	Spinlock	Fri, Mar 07 2025	05:39:13 pm
WHEEL LOCK1	Spinlock	Fri, Mar 07 2025	05:39:05 pm
WHEEL LOCK1	Wheel Unlock Lock Set	Fri, Mar 07 2025	05:37:19 pm
WHEEL LOCK1	Spinlock	Fri, Mar 07 2025	05:37:04 pm



Welcome To The World of **Fuel Sensors**



STRELA WD FUEL SENSOR With GPS TRACKER



Product Features

Ingress protection rating (IP67)

Bluetooth version (5.0 BLE)

Operation temperature (-40 - + 85C)

Calibration via Bluetooth

Transmission power (6dBm)

Built in Accelerometer

Ability Of Operation in the Mode
Master Slave

STRELA WS FUEL SENSOR With GPS TRACKER

Product Features

Interface (RS485)

Bluetooth version (5.0 BLE)

Bluetooth range Up to 100 m

Multiple modes of Calibration

Working temperature (-40 - +85C)

Power voltage (10-60V)

Built -in Accelerometer



STRELA D485 FUEL SENSOR With GPS TRACKER



Product Features

Length up to 700mm

Frequency (500-1500 Hz.)

Interface (RS485)

Calibration via web tool

Operational temperature (-40 to +65)

Ingress protection rating (IP67)

CLS2 FUEL SENSOR With GPS TRACKER

Product Features

Analog output signals

Ingress protection rating (IP65)

Operational temperature (-40 ~ +85)

Power supply: (DC10V ~ 32V)

Customizable Input Voltage

High Accuracy

Easy Setup



6M +

People protected by Ultravision so far

100 +

Countries where Ultravision is available

80% +

Reduction in accidents

21%

Increase in productivity

16 yr+

Professional experience

National High-Tech Enterprise



Shenzhen
Innovation Competition



CE

Qualification certificate

RoHS

Qualification certificate

ISO

Qualification certificate

100 +

Software copyright

Professional AI Mobile DVR System Solutions Provider

Stcoverseas Enhancing Solution is a leading provider of AI ~~midios~~ telematics solutions, integrating research and development, production, and sales. Dedicated to enhancing commercial fleet safety and operational efficiency. With a team of industry experts and over 16 years experience, we deliver innovative MDVR systems & AI Dashcam that address public safety, dangerous driving, and fleet management.

Ultravision primarily manufactures and sells 4G connected dashcams and MDVRs, both of which feature integrated deep learning-based AI algorithms. These advanced algorithms encompass front-facing ADAS, driver-facing DMS, BSD (VRU detection in blind spots), 360-degree surround view, APC (Automatic passenger counting) and more.

Our products, certified by CE, FCC, RoHS, and ISO9001, are used globally across various commercial fleet industries, reaching over 100 countries and regions such as United States, United Kingdom, Russia, Brazil, South Africa, India, and Vietnam etc. We pride ourselves on over 600,000 units sold and 100+ patents, reflecting our commitment to quality and innovation.





STC-Series 4CH 4G AI HD Dashcam



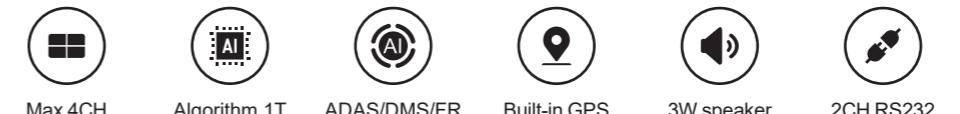
Max 4mp NT98528 Chip Algorithm 1.5T Parking monitoring Dual TF card AV output



Name		N9 4CH 4G AI HD Dashcam	
Model	N9	N9 Pro	
Video in	Front 1080p + Cabin 1080p	4mp + Cabin 1080p	
Video Expansion (Optional)	2CH 1080p	2CH 1080p	
Video output	Optional	Optional	
TF card	Support 2 x TF card		
AI algorithm	ADAS/DMS/FR, Optional		
Serial port	2 x RS232		
I/O input	3 x I/O inputs, 1 x I/O output		
4G	Cat4,TDD-LTE,FDD-LTE		
Video format	H.264/H.265		
Audio	Built in Mic, Built-in amplifier, built-in 3W speaker		
WiFi	Built in WiFi		
GPS	Built in GPS		
SIM card	NanoSim card		
G-Sensor	Built-in acceleration sensor		
Power	DC:8 ~ 36V		
SOS button	√		
Network/Platform	MDVRPlayer, JT/T808-2019, JT/T808-2013, CMSV6, Wialon, uffizio, 3rd Party etc.		

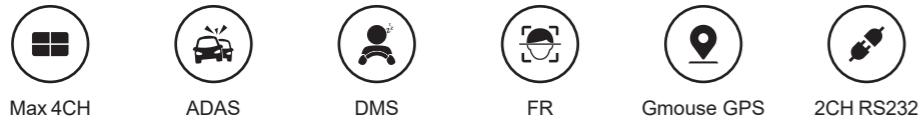
STC-Series 4G AI 1+2DMS ADAS Dashcam

Name	N6C 2CH 4G AI Dashcam	N6 4CH 4G AI Dashcam
Model	N6C	N6
Video in	Front 1080p + Cabin 720p	Front 1080p + Cabin 720p
Video Expansion (Optional)	Video in	x
	Video output	x
TF card		Support 1 x TF card
AI algorithm		ADAS/DMS/FR
Serial port		2 x RS232
I/O input		3 x I/O inputs, 1 x I/O output
4G		TDD-LTE,FDD-LTE
Video format		H.264/H.265
Audio		Built in Mic, Built-in amplifier, built-in 3W speaker
WiFi		Built in WiFi
GPS		Built in GPS
SIM card		NanoSim card
G-Sensor		Built-in acceleration sensor
Power		DC:8 ~ 36V
SOS button		√
Network/Platform		MDVRPlayer, JT/T808-2019, JT/T808-2013, CMSV6, Wialon, uffizio, 3rd Party etc.



STC-Series 4G AI Dashcam

Name	S2 2CH 4G AI Dashcam	S61 3CH 4G AI Dashcam	S62 4CH 4G AI Dashcam	
Model	S21	S22	S61	
Video in	Front 1080p + Cabin 1080p	Front 1080p + Cabin 720p	Front 1080p + Cabin 720p	
Video Expansion (Optional)	Video in Video output	x x	1CH 720p √	2CH 720p x
Serial port	x	2 x RS232	2 x RS232	
I/O Port	1 x I/O output	3 x I/O inputs, 1 x I/O output		
4G	Cat1,TDD-LTE,FDD-LTE	Cat4,TDD-LTE,FDD-LTE		
Video format		H.264/H.265		
Audio	Built in Mic, Built-in amplifier, built-in 2W speaker			
WiFi		Built in WiFi		
GPS		Gmouse GPS		
TF card		Support 1 x TF card		
SIM card		NanoSim card		
G-Sensor		Built-in acceleration sensor		
Power		DC:8 ~ 36V		
SOS button		Optional		
Network/Platform	MDVRPlayer, JT/T808-2019, JT/T808-2013, CMSV6, Wialon, uffizio, 3rd Party etc.			
AI algorithm		ADAS/DMS/FR		



STC-Series 4CH/8CH HDD/SSD Mobile DVR



Name	4CH 1080p 15fps HDD/SSD Mobile DVR				8CH 1080n/720p 15fps HDD/SSD Mobile DVR									
Model	K3204	K3204-G	K6204-G4	K6204-G6	K3108	K3108-G	K6108-G4	K6108-G6						
4G/3G	x	x	√	√	x	x	√	√						
WiFi	x	x	x	√	x	x	x	√						
GPS	x	√	√	√	x	√	√	√						
AI algorithm	x	x	ADAS/DMS/BSD, Optional		x	x	x	x						
AV Input	4CH AHD 1080p, H.265/H.264				8CH AHD 720p/1080n, H.265/H.264									
AV Output	1CH Analog and 1CH VGA Output													
LAN	1CH IP camera													
Storage	Support 1 x 2.5inch HDD/SSD and 1 x TF Card													
Serial/I/O/Speed pulse port	2 x RS232, 1 x RS485, 8 x I/O Inputs, 2 x I/O output, 1 x speed pulse													
Speaker port	Can be connected to an external speaker or Handle Talkie													
Fireproof box port	A disaster recovery port that can be connected to an external fireproof box for disaster recovery recording													
Power	DC:8 ~ 36V													
Network/Platform	MDVRPlayer, JT/T808-2019, JT/T808-2013, CMSV6, Wialon, uffizio, 3rd Party etc.													
Dimensions (L×W×H)	168(L) x143(W) x 56(H)mm													

STC-Series 4CH/8CH HDD/SDD Mobile DVR

Name	4CH 1080p 30fps HDD/SSD Mobile DVR				8CH 1080p 15fps HDD/SSD Mobile DVR							
Model	KN3204	KN3204-G	KN6204-G4	KN6204-G6	KN3208	KN3208-G	KN6208-G4	KN6208-G6				
4G/3G	✗	✗	✓	✓	✗	✗	✓	✓				
WiFi	✗	✗	✗	✓	✗	✗	✗	✓				
GPS	✗	✓	✓	✓	✗	✓	✓	✓				
LAN	MAX 8CH IP camera				MAX 4CH IP camera							
AV Input	4CH AHD 1080p 30fps, H.265/H.264				8CH AHD 1080p 15fps or 720p 30fps, H.265/H.264							
AV Output	1CH Analog and 1CH VGA Output											
AI algorithm	ADAS/DMS/BSD/FR/APC, Optional											
Storage	Support 1 x 2.5inch HDD/SSD and 1 x TF Card											
Serial/I/O/Speed pulse port	2 x RS232, 1 x RS485, 8 x I/O Inputs, 2 x I/O output, 1 x speed pulse											
Speaker port	Can be connected to an external speaker or Handle Talkie											
Fireproof box port	A disaster recovery port that can be connected to an external fireproof box for disaster recovery recording											
CAN port	Optional											
Power	DC:8 ~ 36V											
Network/Platform	MDVRPlayer, JT/T808-2019, JT/T808-2013, CMSV6, Wialon, uffizio, 3rd Party etc.											
Dimensions (L×W×H)	168(L) x143(W) x 56(H)mm											



STC-Series 4CH SD Card Mobile DVR

Name	4CH SD Card Mobile DVR									
Model	E2204	E2204-G	E5204-G4	E5204-G6	E5204-G4-S2	E5204-G6-S2				
4G/3G	✗	✗	✓	✓	✓	✓				
WiFi	✗	✗	✗	✓	✗	✓				
GPS	✗	✓	✓	✓	✓	✓				
RS232	✗	✗	✗	✗	✓	✓				
AI algorithm	✗	✗	ADAS/DMS/BSD, Optional							
AV Input	4CH AHD 1080p, H.265/H.264									
AV Output	AV or VGA or AV+VGA									
I/O Port	4CH I/O Inputs, 1CH I/O output									
Storage	Support 1 x SD Card									
Power	DC:8 ~ 36V									
Network/Platform	MDVRPlayer, JT/T808-2019, JT/T808-2013, CMSV6, Wialon, uffizio, 3rd Party etc.									
Dimensions (W×H×L)	153mm x 35mm x 121mm									



8CH Vehicle POE Switch



Category	8CH vehicle POE switch
Model	PS8
LED indicator light	4 lights: PWR, MDVR, IPC1-4, IPC5-8
MDVR Port	Connect MDVR
IPC Port	8CH IP camera
Dimensions (L×W×H)	153mm x 35mm x 121mm



CAMERA

720P/1080P

All HD cameras support IP Camera, except for some models. Suitable for All kinds of Mobile DVRs.

STC-Series Body Worn Camera

- HD
- PTT
- 4G
- One Key Alm
- IR Laser



KJ03-A



KJ11-A



KJ21

Model	KJ03-A	KJ11-A	KJ21
Operating system	Ambarella A12, RTOS+Linux dual system	Ambarella H22	MSTAR MSC8328P
Display screen	2.0 inch HD display screen	2.0 inch HD display screen	2.0 inch high-resolution LCD
Sensor	Sony IMX323	OV4689 4MP sensor	OV4689 4MP sensor
Camera Len	2.8mm, F2.0 aperture, 140 °	2.8mm, F2.0 aperture, 140 °	2.8mm, F2.0 aperture, 140 °
Battery	4200mAh	2x2500mAh	2850mAh
Video	1080p@30fps, H.264, MP4, AES256	2560x1440@30fps, H.265/H.264, MP4, AES256	2304x1296@30fps, H.265/H.264, MP4, AES256
Photo	32 megapixel maximum, JPG format		34 megapixel maximum, JPEG format
Audio	Super microphone, AAC. Support two-way voice intercom and PTT cluster intercom	Built in high-quality microphone, WAV format	
Storage	Built in 32GB/64GB/128G/256G non removable microSD (TF) card		Removeable Memory
Network	3G/4G, 2.4G WiFi. Support CMSV9/CMSV6 platform and JT808/JT1078/GB28181 protocol		x
Main button	SOS alarm button/record video button/photographing button/PTT button/IR-CUT button		record video button/IR-CUT button
Volume/Weight	96*62*34mm/207g	88*62*34mm/165g	77*53*25mm/110g



HD Camera

- Lens: 3.6/2.8/2.1mm
- Angle: 90-130°
- IR light: IR LED/Starlight
- Range: 15m distance
- DC 12V power
- Aviation connector
- Audio optional



254



25BK



35R



393A



25BG



710(Dual Camera)



810(Dual Camera)



01AB(Dual Camera)



25BX



256



258



25BF



251



393AE

Waterproof Camera

- Lens: 3.6/2.8/2.1mm
- Angle: 90-130°
- IR light: IR LED/Starlight
- Range: 15m distance
- DC 12V power
- Aviation connector
- Metal case
- IP67

AI Camera

- ADAS: Detect vehicle posture and alarm
- DMS: Detect driver behavior and alarm
- BSD: Alarm if pedestrians approach vehicles
- AI cameras need to be used in conjunction with MDVR



A1C



DA-1C1



DMS-A11



M-1256-D



M-1251-D



Passenger counter

All product parameters will change as product upgrades, please take the actual parameter testing for standard



Our Technology

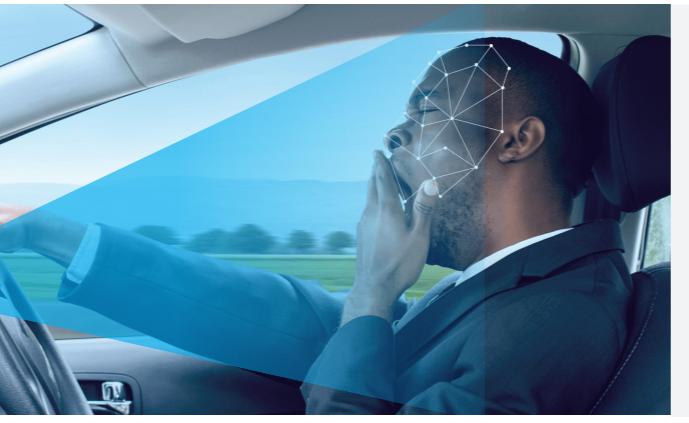
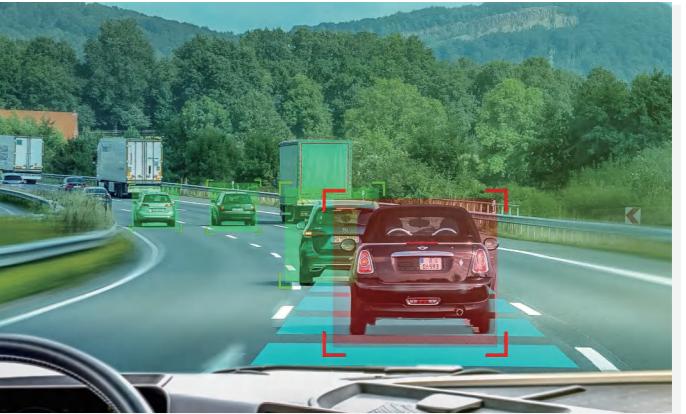
Learn how we help fleets achieve safe and efficient operations by utilizing AI technology



ADAS

Advanced Driving Assistance System

- Forward Collision Warning (FCW)
- Headway Monitoring Warning (HMW)
- Pedestrian Collision Warning (PCW)
- Lane Departure warning (LDW)



DMS

Driver Monitoring System

- Smoking detection
- Phonecall detection
- Yawning detection
- No driver detection
- Wear sunglasses detection
- Fatigue detection



BSD

Blind Spot Detection

- Front BSD, Right Front BSD, Right BSD
- Left Front BSD, Left BSD
- Remind drivers to pay attention to pedestrians
- Remind pedestrians to stay away from vehicles



FR

Face Recognition

Face recognition technology offers a robust solution to prevent vehicle theft and streamline driver attendance processes. Its implementation can significantly improve security measures and operational efficiency within enterprises.

Logistics Solution



	Pain Points	Coping strategies
Load/unload	Not loading/unloading in designated areas, resulting in issues such as missed loading and blind spot transfer of goods.	Unlock loading/unloading, video monitoring throughout the process. Install a door magnet at the loading and unloading port. If there is a switch lock action, immediately report to the regulatory platform.
Vehicle Starts	The right blind spot is the hardest hit area for traffic accidents (pedestrians, electric vehicles).	BSD blind spot detection algorithm reminds drivers to pay attention to pedestrians, and sound and light alarms remind pedestrians to stay away from vehicles.
Vehicle On Road	The driver does not drive properly (speeding, fatigue, distraction, making phone calls, etc.).	Supervise driver behavior through algorithms such as vehicle speed, ADAS and DMS, monitor vehicle operating conditions, and reduce traffic accidents .

Public Transit Solution

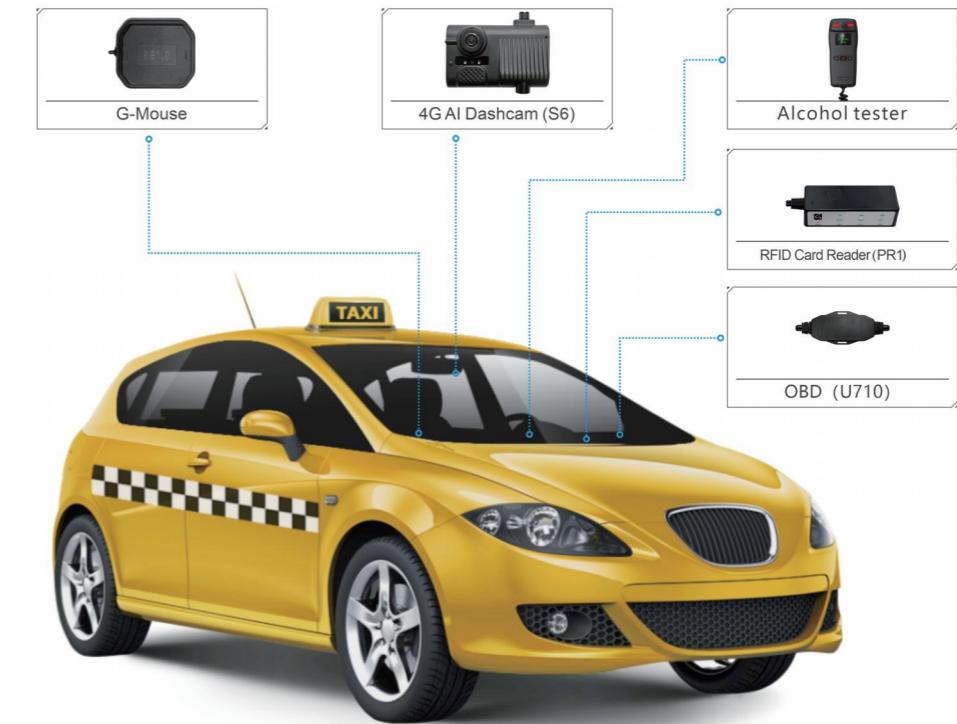


	Pain Points	Coping strategies
Passenger on bus/off bus	Passenger overload. The driver illegally overloaded and solicited passengers while driving in order to make more money. There are serious traffic safety hazards.	Real time statistics of passenger numbers to prevent overloading. On/off BUS personnel will be reported in real-time to the CMS platform.
BUS Start	The blind spot on the right is the severely affected area for traffic accidents (pedestrians, electric vehicles)	The BSD blind spot detection algorithm reminds drivers to pay attention to pedestrians, and can also be equipped with an optional sound and light alarm to remind pedestrians to stay away from vehicle.
BUS Run	Dangerous driving by drivers (speeding, fatigue, distraction, making phone calls, etc.) can cause traffic accidents.	Monitor driver behavior through algorithms such as speed, DMS (fatigue, smoking, making phone calls) to reduce traffic accidents

School Bus Solution



Taxi Solution

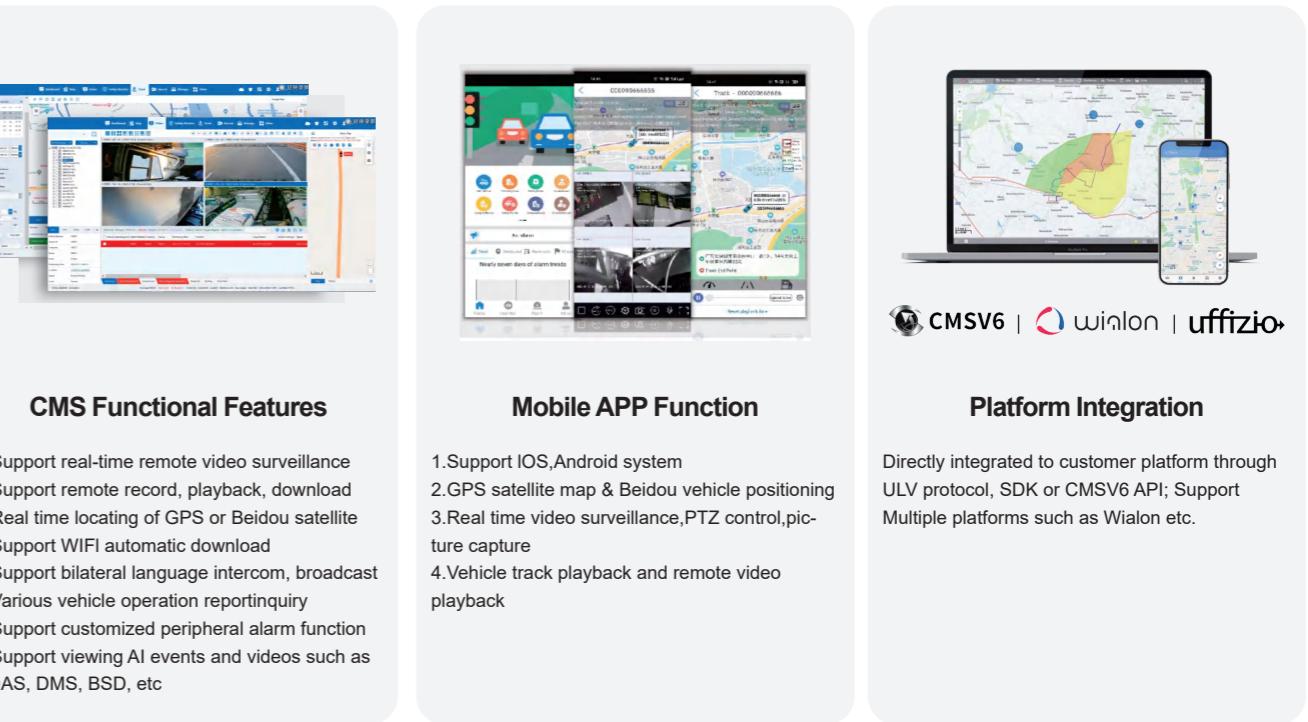


	Pain Points	Coping strategies
Driver and Student on/off bus	Identify the driver. Students get on the bus.	Before driving, drivers need to swipe their IC card or use facial recognition to log in. Every student must swipe their card when boarding and push it to the parent app.
Bus on Road	Dangerous driving by the driver. The driver did not follow the scheduled route. Drivers have no assessment criteria.	Before driving, drivers need to swipe their IC card or use facial recognition to log in. Every student must swipe their card when boarding and push it to the parent app.
Park on the road	The student got off the car and was hit by a vehicle. The student forgot to get off the bus after passing through the station.	BSD blind spot detection. 360 ° monitoring. Remind drivers through display screens and speakers that students have forgotten to get off the car.
Park in destination	Prevent forgetting. The child fell asleep and forgot to get off the car, causing suffocation	Before driving, drivers need to swipe their IC card or use facial recognition to log in. Every student must swipe their card when boarding and push it to the parent app.

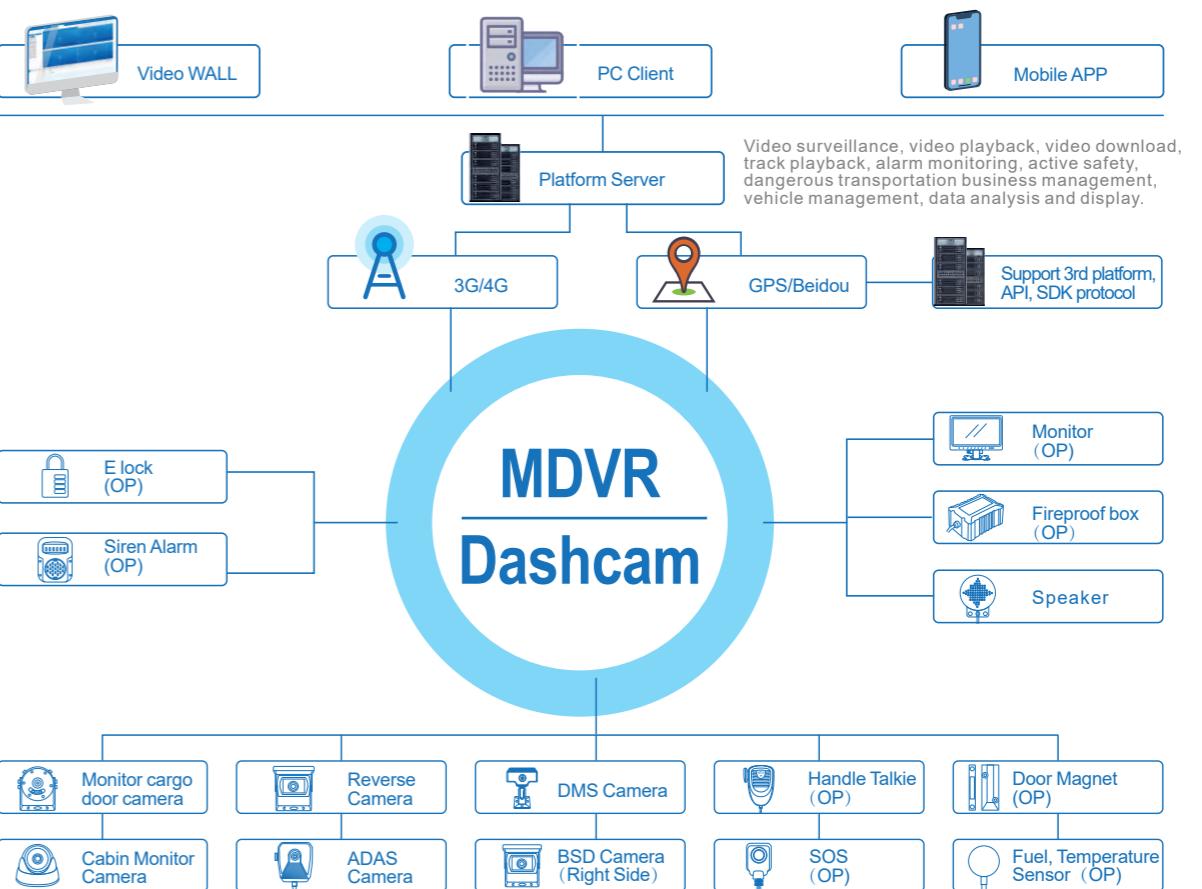
	Pain Points	Coping strategies
Install	MDVR has a large volume and is difficult to install, which is time-consuming and expensive to install	Front and rear dual camera dash cam, directly attached to the front windshield of the car, easy to install and cost-effective
Driver identity authentication	By swiping the IC card to drive, it is impossible to determine whether you are a true driver	Facial recognition of driver identity. If a substitute driver is found, an alarm will be triggered and reported to the CMS platform
Carry passenger	Driver and passenger safety issues, frequent occurrence of vicious incidents such as robbery, rape, and murder	Protect the safety of drivers and passengers through video surveillance; In case of emergency, the driver can press the SOS button to alert the center
Driver driving	Dangerous driving by drivers (speeding, fatigue, distraction, making phone calls, etc.) can cause traffic accidents.	Monitor driver behavior through algorithms such as speed, DMS (fatigue, smoking, making phone calls) to reduce traffic accidents

Management Platform

	Ultrasonic fuel sensor Function: Obtain the fuel volume of the vehicle's fuel tank Accuracy: Resolution 0.1mm, accuracy \pm 0.5% FS Installation: The fuel tank does not require drilling Communication: RS232 Certification: CE/RoHS/CNEX/IP67
	Displayable temperature and humidity Function: Display the temperature and humidity inside the vehicle Range: temperature -20 °C~80 °C, humidity 0~100% rh Accuracy: temperature \pm 0.3 °C, humidity \pm 3% rh Communication: RS232, MODBUS RTU Size: 90 * 95 * 29mm
	Probe type temperature and humidity sensor Function: Cold chain vehicle temperature and humidity detection Size: 9.5 * 110mm, stainless steel 304 food grade Accuracy: error \leq 0.3 °C Communication: RS485 Measurement range: -50 to 85 degrees Waterproof grade: IPX7
	Temperature and humidity sensor collector Function: Collect data from four temperature and humidity sensors, and forward these data to MDVR through an RS232/RS485 serial port. Implement the function of connecting multiple temperature and humidity sensors to one serial port of MDVR.
	Tire pressure sensor Function: Detect vehicle tire pressure Supports up to 18 tires High and low pressure, high temperature, and air leakage alarm functions RS232 communication Measurement error: Air pressure \pm 0.2Bar, temperature \pm 3 °C
	Load sensor Function: Weighing the vehicle's cargo weight Temperature: -30 °C~80°C Power supply: 5V Resolution: 1% FS Size: 149 * 79 * 40mm
	lifting/sealing sensor Function: Monitoring the lifting and lowering of the dump truck carriage; Monitor the opening and closing of the dump truck tarpaulin. Voltage: 9-36V Communication: RS232
	SD card Function: MDVR video storage Level: U3, C10, V30 Max Read speed: 100MB/s Max Write speed: 45MB/s Max Rewrite cycle: 1500 times
	TF card Function: Driving recorder recording storage Level: U3, C10, V30 Max Read speed: 100MB/s Max Write speed: 45MB/s Max Rewrite cycle: 1500 times
	HDD/SSD Function: MDVR video storage Capacity: 1TB/2TB Form Factor: 2.5 inch Host interface: SATA III 6.0Gbps
	Fireproof box Function: Fireproof, explosion-proof, and waterproof Storage: 32GB/64GB/128GB/256GB Fire resistance: 1100° 15min, 260° 120min Deep water immersion: 50m 24hour High-speed impact: 50Gs 100ms Static extrusion: 30kN 5min Static extrusion: 30kN 5min



Product Composition



OUR SOFTWARE SOLUTIONS

White Label GPS Tracking Software

- Vehicle Tracking Software
- Accurate Fuel Tracking Software
- Dashcam Tracking Software
- E -locks Tracking Software

