

Google GPS tracking AHD 4ch sim card 3g mobile dvr for school bus



Item	Parameter
OS	Linux
Language	English/Chinese/Customized
Video Compression	H.264 Compression

OSD		Overlays information such as date time and vehicle ID
GUI	Graphical User Interface	Setup system parameters with the remote control.
Video Record System	Video Input	4CH 720P AHD input/SD input/ mixed input,aviation connector, 1.0Vp-p, 75Ω
	Video Output	2CH CVBS+ VGA output for optional, 1.0Vp-p, 75Ω,Aviation,Support 1CH Full Screen, 4CH Screen view
	Preview	Support 1 channel and 4 channels preview., Support Manual/Alarm Trigger full screen preview
	Resolution	720P/D1/HD1/CIF, MAX:4 channels 720P and 4 channels D1
	Image Quality	0-7 levels, 0 is the highest level.
	Video Standard	PAL: 100f/s , CCIR625 line,50field; NTSC: 120f/s, CCIR525 line,60field; CIF: 256Kbps ~ 1.5Mbps, 8 level video quality optional; HD1: 600Kbps ~ 2.5Mbps, 8 level video quality optional; D1: 800Kbps ~ 3Mbps, 8 level video quality optional; 720P: 4Mbps-6Mbps, multi level video quality optional
	Record Mode	The default setting is auto recording after power on. Timed recording, alarm trigger recording and manual recording are supported.
Audio	Audio Input	4CH Aviation Plug Input
	Audio Output	2CH,headphone connect at front panel, BNC Connect on Back panel
	Compression	G.726 compression, 8KB/s speed
Alarm Input		7CH Alarm Input,1CH AD Input, impulse speed input,Alarm Linkage
Alarm Output		2CH Alarm Output,Support Light/ Sound alarm sensor,Oil/Power cut off
Interface		3CH RS232, POS/Fuel Sensor/ LED Advertisement Connection
		2CH 485 Interface,Connect PTZ Camera
		2CH CAN interface
Wireless Transmission		Support Built in 3G transmission, WCDMA, CDMA2000,GPRS, EDGE Built in 4G module optional, TDD-LTE, FDD-LTE
GPS Position		Support Built GPS/BD Module
	HDD	Max 2.5" 2TB HDD
Storage	SD Card	Max 128GB SD Card Mirror Recording Keep Data Safety
	Update	Support USB Updating, SD Card Updatin, OTA Remote Updating
	File Format	H.264
	File System	Special FAT32 File System
	USB	USB Interface on Front Panel for data back up by U Disk,Hard Disk
Record Replay	Video Search	Search By Record Time/Record Type etc
	Playback	Max support 4CH Replay /Stop/Fast/Slow at same time
		Support forward and backward play at the speed of: x 2,x4,x8,x16.

Security		User/Admin 2 Level Different Password
Optional Functions	Voice Call	Support voice call each other
	Serial Expand	Support LED Advertisement Panel□Oil Sensor□POS□Bus Station Broadcaster□ Car OBD,ect.external device
Voltage & Power	Power Management	Wide Voltage.Support Timed/Delay off
	Input Voltage	DC:+6V - +36V
	Power	Working □5W
	Temperature	-20℃ - +70℃
Working Environment	Humidity	20% - 80%
	Size	200 □D□* 187□W□* 62□H□ mm
Others	Weight	1.90 Kg

## Main Features

- 1. HIS Solution,H.264 Compression,support 4CH 720P AHD input/** 4CH analog standard definition Camera input/2CH HD + 2CH SD mixed input;
2. 3CH video output (2CH CVBS video, support front&rear panel output; VGA output for optional.)
3. Exclusive pre-allocate File System protect data completeness, prevent SD Card fragment,ensure data stably and completely.
4. 8-36V wide voltage with low power consumption.
5. Unique UPS Technology ensures the integrality of record when power failure occurs,even can for 8-10s.
6. HDD+SD Card Storage ( Support 2.5" HDD, max 128G SD Card) protect from Shock & Dust damage ;support USB port data backup and device update;
7. Support 2 USB interfaces, data backup and device upgrade.
8. Support 9CH alarm input (1CH analog input + 8CH IO alarm input ), 2CH independent alarm output.
9. Support 2 CAN interfaces.
10. Support HDD heating functions,can work in harsh environment.
11. Support **GPS/BD/G-Sensor Extension modul;**
12. Realize **real-time monitor through 3G/4G;**
13. Support **WIFI module**, can download data automatically.
- 14 Support **Broadcast/Intercom/Text sent etc;can add oil sensor/temperature sensor/POS/LED Advertisement Panel;**

15. Support SMS remote configure/ control device;

16. OTA(On-The-

Air) Device automatically upgrade function, can upgrade to updated version , maintenance is more convenient.

17. Support voice call function.

18. Support **IOS/Android Phone** Remote monitor

## PC Software interface for gps tracking

The screenshot displays the 'Mobile monitoring and management platform' software interface. The top navigation bar includes options like 'Video', 'Map', 'Playback', 'System Set', 'Log Query', and 'Extend App'. On the left, a 'Dev List' sidebar shows a tree view of monitored devices, including 'Monitor Center(5/12)' and various vehicle IDs like '贵C 26562'. Below this, a detailed status panel for '贵C 26562' shows fields for Device type (MDVR), Vehicle Name, ID, Company, Status (Online), Positioning Time, Location, Speed, and Costs. The main area features four live video feeds from different camera angles inside a vehicle, labeled '贵C 26562 - CH1 - 4 KB/S' through 'CH4 - 2 KB/S'. To the right, a map shows the vehicle's current location on a road network, with a pop-up window displaying real-time data for '贵C87762': Time (2015-08-11 10:10:19), Speed (0.00 km/h), Company (通运集团), Position (福建省漳州市龙文区), Status (Online), ACC status (ON), and Network (3G). At the bottom, a table lists monitoring data for multiple devices, including columns for Device, Positioning Time, Position, Speed, Alarm, and Status. The status bar at the very bottom shows system metrics like 'Running: 00:02:02' and 'Online: 5 / Number of set loss: 5 / Arrears: 0 / Total: 12'.

## Android/IOS APP Monitor





## Server software interface

Vehicle Management System

Welcome! 销售客户 | Manager | Exit

Report	Device	User
Report		
Quick Report		
Mileage Summary		
Mileage Daily		
Track Detail		
Speed Report		
Online Summary		
IO Alarm Report		
Alarm Report		
Storage Report		
Upgrade Report		
Fuel Report		
Park Report		
Geo Fencing Report		
3G Flow Report		
Extend Report		
Dispatch Report		

Mileage Summary

Begin Time: 2016-01-08 00:00:00 To: 2016-01-08 16:27:09

Device: All Devices Select Device Query Export To Excel Export To Csv Export To Pdf

Index	Vehicle	Total Mileage (KM)	Begin Time	Start Mileage (KM)	Start Position	End Time	End Mileage (KM)
1	粤EX3114	174.88	2016-01-08 09:03:32	22.95	22.534264, 114.006444	2016-01-08 16:25:41	157.83
2	粤EX3130	202.07	2016-01-08 07:33:17	18.1	22.884299, 112.692602	2016-01-08 16:25:28	171.57
3	24012	277.42	2016-01-08 07:09:55	23.41	23.369562, 116.675227	2016-01-08 14:57:24	300.83
4	冀A76248	97.4	2016-01-08 00:00:25	299.97	41.572469, 118.786245	2016-01-08 09:42:39	41.09
5	24023	0	2016-01-08 00:00:07	16.26	37.758759, 120.731127	2016-01-08 16:19:07	16.26
6	晋QW5387	416.36	2016-01-08 06:09:54	96.66	35.461432, 117.643793	2016-01-08 16:20:11	92.83
7	鲁J81712	120.98	2016-01-08 04:48:40	26.51	35.876478, 117.681941	2016-01-08 14:25:07	144.92
8	粤H65250	45.81	2016-01-08 00:00:03	139.13	22.654394, 112.498593	2016-01-08 16:15:15	115.82
9	粤H65153	40.61	2016-01-08 00:00:27	92	22.654197, 112.497665	2016-01-08 16:11:28	73.72
10	粤H65368	111.72	2016-01-08 00:00:15	145.61	22.654321, 112.498645	2016-01-08 16:24:48	93.9
11	粤H65010	52.02	2016-01-08 00:00:10	93.24	22.654234, 112.497795	2016-01-08 16:15:55	57.92
12	晋AA3683	655.08	2016-01-08 00:00:29	354.36	35.950643, 117.659700	2016-01-08 16:24:44	1009.74
13	24058	224.42	2016-01-08 07:00:58	44.57	37.949788, 118.844070	2016-01-08 16:17:34	60.4
14	28999	2.36	2016-01-08 13:13:09	17.6	28.734420, 121.235847	2016-01-08 13:57:27	19.81
15	01568	369.29	2016-01-08 00:00:54	51.04	33.733305, 115.866921	2016-01-08 16:03:58	420.33

## Application



### 功能特点 Features



实时监控, GPS定位  
Real-time monitoring,  
GPS positioning

身份验证, 人数统计  
Two-factor authentication



语音功能 Voice features



行车记录, 驾驶行为管理  
Driving behavior management



短信提醒  
Assured SMS alerts



偏航报警  
Yaw alarm

采用高压压缩比, 图像清晰的H.264编码格式, 支持开机录像、定时录像及报警录像, 支持ACC熄火延时录像。内置GPS全球定位系统, 可通过3G网络远程查看实时视频, 车辆位置, 回放历史录像。支持手机远程监控。Adopting H.264 Video compression with high resolution, ACC on/off, Timer Recording, ACC Delay Recording Mode supported, Built-in GPS Tracking system, Real time video stream, Vehicle Position, Video Replay can be viewed through 3G Network, Support Mobile Phone remote Monitor.

可连接刷卡器验证身份, 统计数据, 避免人工统计时出现失误。提供每个停靠站点实时的上下学生人数, 避免漏接学生, 以及把学生遗留在车内, 造成事故。

Combine with Card Equipment for authenticate information and counting, avoid artificial statistical mistake, offer the students get on/off real time number at each station, avoid the accident caused by missing students or leaving students in the carriage.

可进行语音电话, 网络对讲, 声音广播。实现管理中心和车辆即时通讯。Support VOIP, 3G Intercom, Broadcast realize Center office communicate with Driver in real time.

对司机的不良行为进行监管, 比如经常超速、急加速、急减速、急刹车等容易对车内学生造成危险的行为; 并对其进行评测, 预防安全隐患发生。Supervise driver's bad behavior, such as: over-speed, acceleration, decelerate urgently, brakes etc dangerous behavior for students, Driver's Performance evidence.

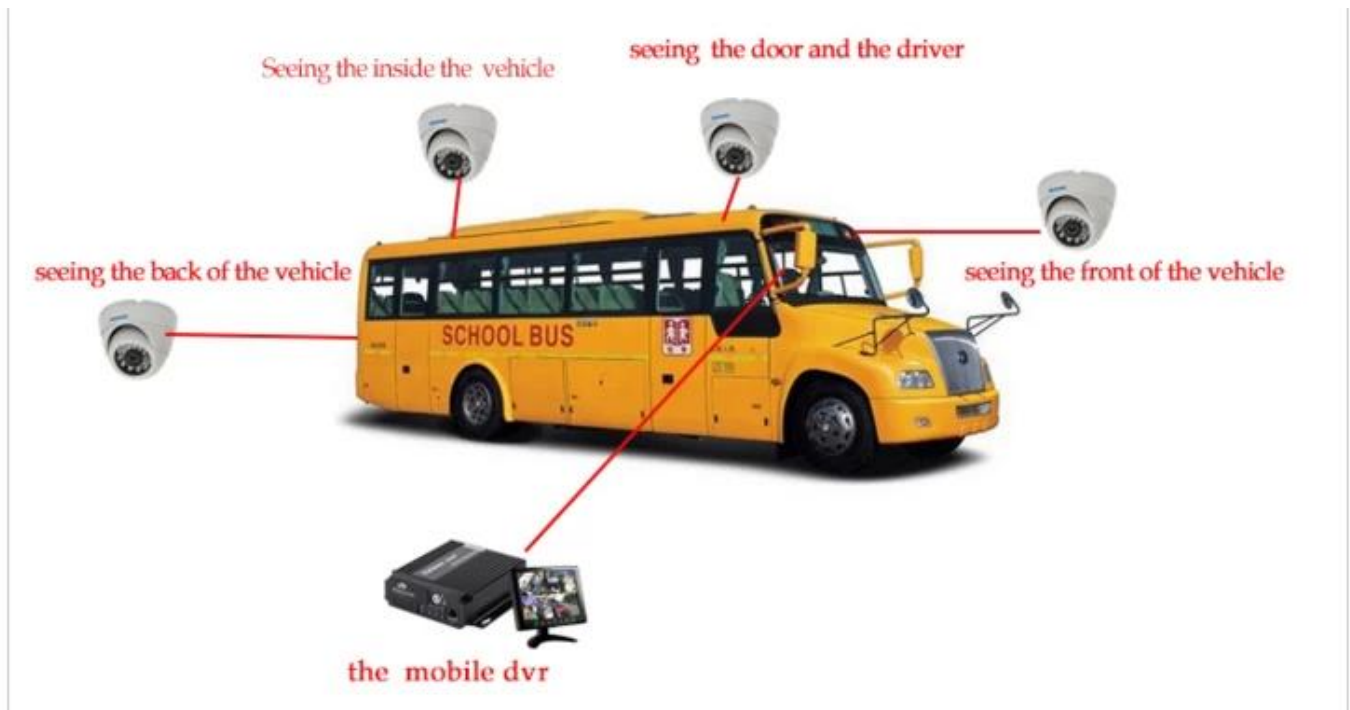
车载智能系统会根据需要向家长发送孩子上下车短信, 包括什么时间、在哪里上车及下车, 让家长及时、快捷的了解学生安全状况, 有利学生接送时间的精确控制。

Intelligent vehicle system, students get on/off bus information sent to parents by SMS including When and where on/off, convenient for parents to know students status and easily for picking up students.

预先设定校车的固定行驶路线, 当校车未按照预定的驾驶路线行驶时, 中心上会自动发出语音报警, 中心可与车载终端通过语音对讲进行通讯。

Geo Fence Alarm, preset driving route, when out off the line it will sound alarm automatically at center office, center can talk with the driver for the information.





## Good Relationship with our Customers



For more information pls feel free to contact Amily:

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