4channels 2TB hard disk vehicle dvr recorder GPS 3G support fuel sensor for truck fleet security solution

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 date stablely 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;

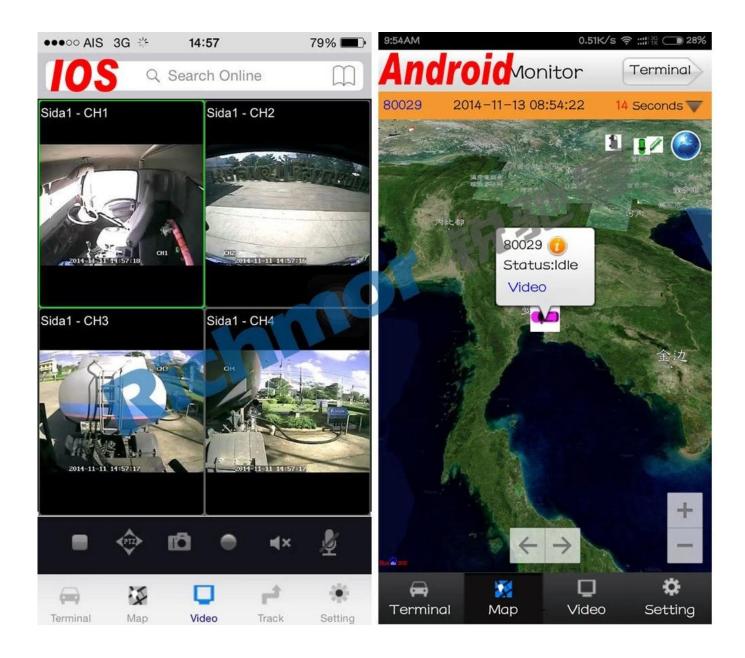15. Support SMS remote configure/ control device;

16. OTA(On-The-
Air) Device automatically upgrade function, can upgrade to updated version , maintenance is more co
nvenient.

17. Support voice call function.

18. Support IOS/Android Phone Remote monitor

PC Software interface for gps tracking

Android/IOS APP Monitor

●●●○○ AIS 3G ☼   14:57   79% ▮

Q Search Online

Sida1 - CH1   Sida1 - CH2

CH1

2014-11-11 14:57:18 CH1   CH2   2014-11-11 14:57:16

Sida1 - CH3   Sida1 - CH4

CH3   CH4

2014-11-11 14:57:17 2014-11-11 14:57:17

Terminal   Map   Video   Track   Setting

9:54AM   0.51K/s 🛜 ::::🖧 ▯ 28%

Android Monitor   Terminal ▶

80029   2014-11-13 08:54:22   14 Seconds ▼

80029 ⓘ
Status:Idle
Video

金边

Terminal   Map   Video   Setting

Server software interface

Vehicle Management System   Welcome! 销售客户 | Manager | Exit

Report   Device   User

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

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

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, 112.892602	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	鲁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HG5250	45.81	2016-01-08 00:00:03	139.13	22.654394, 112.498593	2016-01-08 16:15:15	115.82
9	粤HG5153	40.61	2016-01-08 00:00:27	92	22.654197, 112.497665	2016-01-08 16:11:28	73.72
10	粤HG5368	111.72	2016-01-08 00:00:15	145.61	22.654321, 112.498645	2016-01-08 15:24:48	93.9
11	粤HG5010	52.02	2016-01-08 00:00:10	93.24	22.654234, 112.497795	2016-01-08 16:15:55	57.92
12	鲁AA3683	655.08	2016-01-08 00:00:29	354.36	35.950643, 117.659700	2016-01-08 16:24:44	1009.34
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, 115.868921	2016-01-08 16:03:58	420.33

Application

功能特点 Features

实时监控 Real Time Video

采用高压缩比，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。
Adopt H.264 Video Compression,support Auto Recording, Timed Recording,Alarm Recording,also ACC Power on/off Recording. Built-in GPS System,can view the real time video and Vehicle Position,replay Historical Video through 3G,Mobile Phone real time view supported.

运营管理 Fleet Management

具有线路调度，运营监控管理功能；可通过可视化调度指挥、语音广播、双向对讲、语音通话等信息交互，及时处理各种事件，比如塞车、车辆故障、交通事故等。
With Line Scheduling and operation management function;can handle all kinds of emergency thing such as heavy traffic,Vehicle Breakdown,traffic accident through Real time video, Broadcast,Intercom talk back function etc.

GPS定位及轨迹查询 GPS Position and Path Track

在地图上能连续自动以蓝色数标描述需监控车辆的运行路线，自动刷新实时查看车辆的最新位置。监控管理中心还可以在电子地图上远程回放车辆行驶的历史轨迹记录，重现车辆的行驶过程。
A blue mark in the map show the vehicle driving route automatically and continuous, refresh the Vehicle latest Position.Remote replay the vehicle driving route in map at center office.

安全报警 Security Alarm

可自行设定安全限值。根据驾驶情况，系统会自动产生疲劳驾驶报警、超速报警、进出入围栏报警、非法停车报警等报警信息，自动上传到管理中心。
Fatigue driving alarm,Overspeed Alarm,GEO Fence Alarm,Illegal parking alarm etc according the security setting when alarm it will upload to the center office automatically.

油量管理 Oil Management

可实时监测油箱的油量状态，油量突然急剧变化时可触发报警，有效防止车辆被偷油事件的发生。
Real Time checking the Oil Tank condition,it will trigger alarm when oil suddenly changed,prevent the oil from stolen

货物实时监管 Goods Security

通过给货物配置RFID智能电子锁，有效距离内能自动识别、收集货物信息，对货物运输的全过程实现不间断的实时监控、实时报警，使客户能实时掌握货物流向动态，确保货物运输过程中的有效监管。
By RFID Digital E-lock, can automatically identify and collect the goods information with a effective distance,monitor the goods in real time with alarm all the way for customer ensure the goods information and effective handle during vehicle on the way.

货车监控解决方案

Package Pattern

Brand Packing & Blister Packing

Good Relationship with our Customers

South Africa | Argentina | Czech Republic
Brazil | Russia | India
Turkey | Mexico | Saudi Arabia

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