Richmor

Factory Audit

SMS Device configure

OTA Remote Updating

AHD 720P/960P

2TB HDD+128GB SD Card

NEW

CE FC ROHS

RCM-MDR7104 Specification

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 960P/720P AHD input,aviation connector, 1.0Vp-p, 75Ω
	Video Onput	1 CVBS, 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 of 720P and 4 channels of D1
	Image Quality	1-4 levels, 1 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
			1CH 485 Interface,Connect PTZ Camera
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” 1TB HDD
Storage	SD Card		Max 128GB SD Card Mirror Recording Keep Data Safety
	Update		Support USB Updating, SD Card Updating,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
	TTS Voice Broadcast		Support TTS voice broadcast function.
	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
		Output Voltage	+12V~1.5A,+5V~1.5A
		Power	Working <5W
Working Environment		Temperature	-20℃ - +70℃
		Humidity	20% - 80%
Ohters		Size	200 (D)* 187(W)* 62(H) mm
		Weight	1.90 Kg

Project Application

校车监控解决方案
SCHOOL BUS SOLUTION

功能特点 Features

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

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。
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.

身份验证，人数统计
Two-factor authentication

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.

语音功能 Voice features

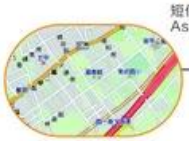
可进行语音电话，网络对讲，声音广播。实现管理中心和车辆即时通讯。
Support VOIP,3G Intercom,Broadcast realize Center office communicate with Driver in real time.

行车记录，驾驶行为管理
Driving behaviormanagement

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, decelerateurgently, 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.

短信提醒
Assured SMS alerts

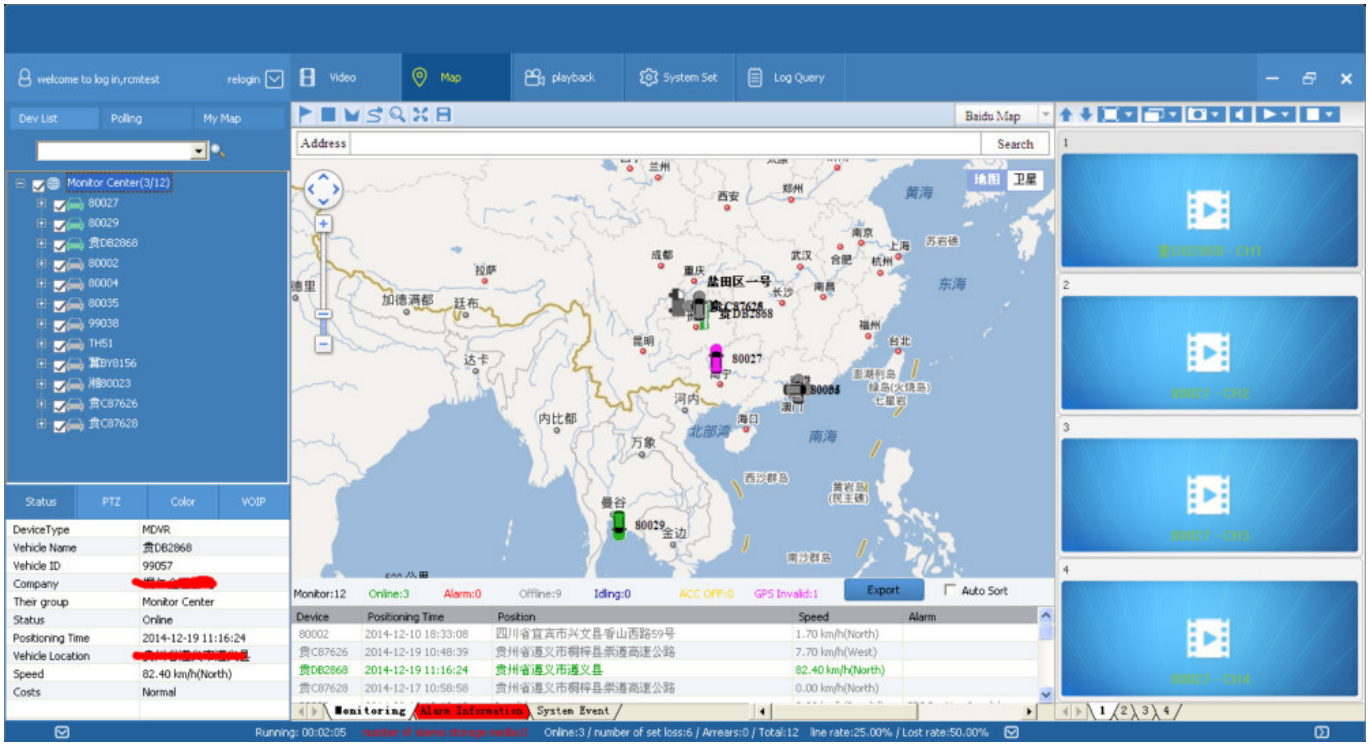


预先设定校车的固定行驶路线，当校车未按照预定的驾驶路线行驶时，中心上会自动发出语音报警，中心可与车载终端通过语音对讲进行通讯。
Geo Fence Alarm,preset driving rotue,when out off the line it will sound alarm automatically at center office,center can talk with the driver for the information.

偏航报警
Yaw alarm

PC&Phone Monitoring

CMSV6 Interface



CMSV6 In Mobile Phone

Have all in the palm of your hand

Real-time monitoring via Mobile Phone

Support iPhone, Android, iPad system

Video & Audio Monitoring **Online Vehicle** **GPS** **Satellite Map** **Video Storage** **PTZ control** **Tracking Display** **Picture Snapshot** **Voice intercom**

FQA

Q: During playback, the map doesn't show?
A: Possible reasons are as follows;
1.Net cable did not connect to PC;
2.Net works, but the computer can not get to the Internet;
Q: When SD card and HDD records, How is the record coverage?
A: SD card and HDD will record circularly for each other. When they are full, they will delete the original video records respectively.

Q: The device was opened, HDD was installed, but the device can not record successful.
A: 1.Check the HDD/SD Card was formatted or not, the unformatted HH/SD Card can not be used. Enter into the Main Menu – System Setup – Formatting the new installed HDD/SD Card.
2. If the recording channel is closed, if set the timing recording, it can not recording when it beyond the period of timing recording.
3. If the HDD is connect well, if the HDD/SD light is on.

Richmor Brand Package

Standard Package

Shipping

Strong cooperated with DHL/UPS Etc for fast and safety delivery.

a. 2-5 days after payment cleared for sample order.

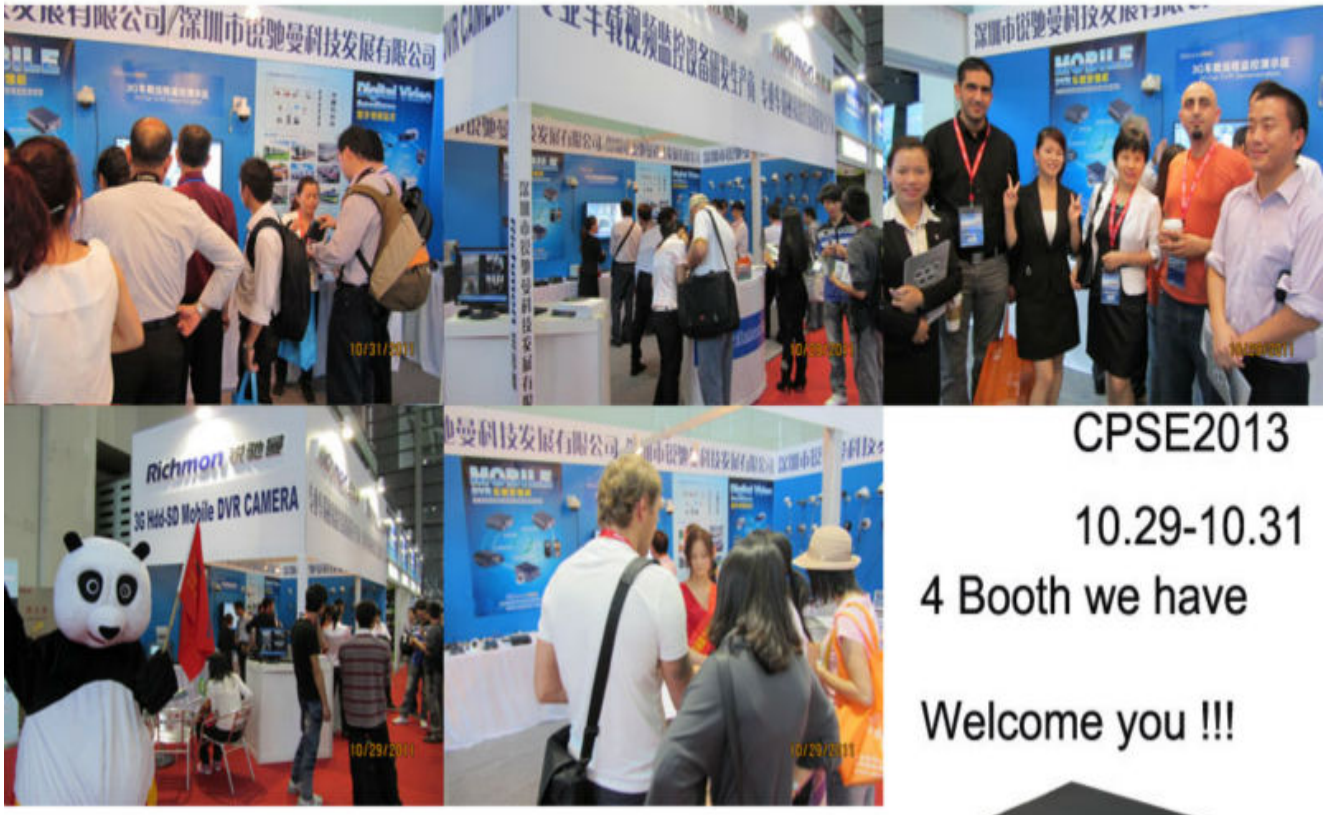
b. 5-10 days after payment cleared depends on order quantity for bulk order.

Payment

Exhibition

Richmor

CPSE2012 in Shenzhen



CPSE2013

10.29-10.31

4 Booth we have

Welcome you !!!

CPSE2012-- Guangdong TV Report-Shenzhen Richmor

Certifications

Skype:rcmcctvsales2