

5CH 3G/4G GPS WIFI h.264 4CH 720p AHD + 1CH 1080p HD 4ch HDD mobile dvr for taxi/school bus,RCM-MDR7105series

# RCM-MDR7105

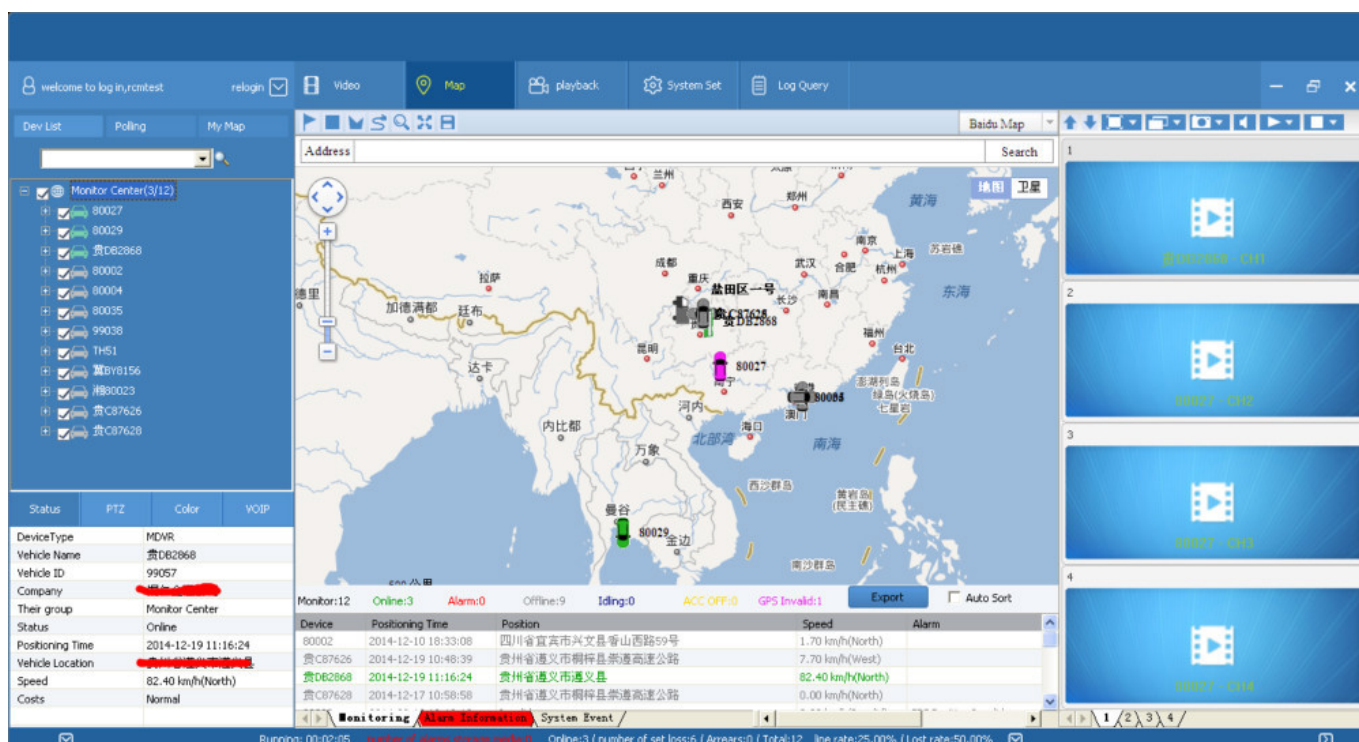
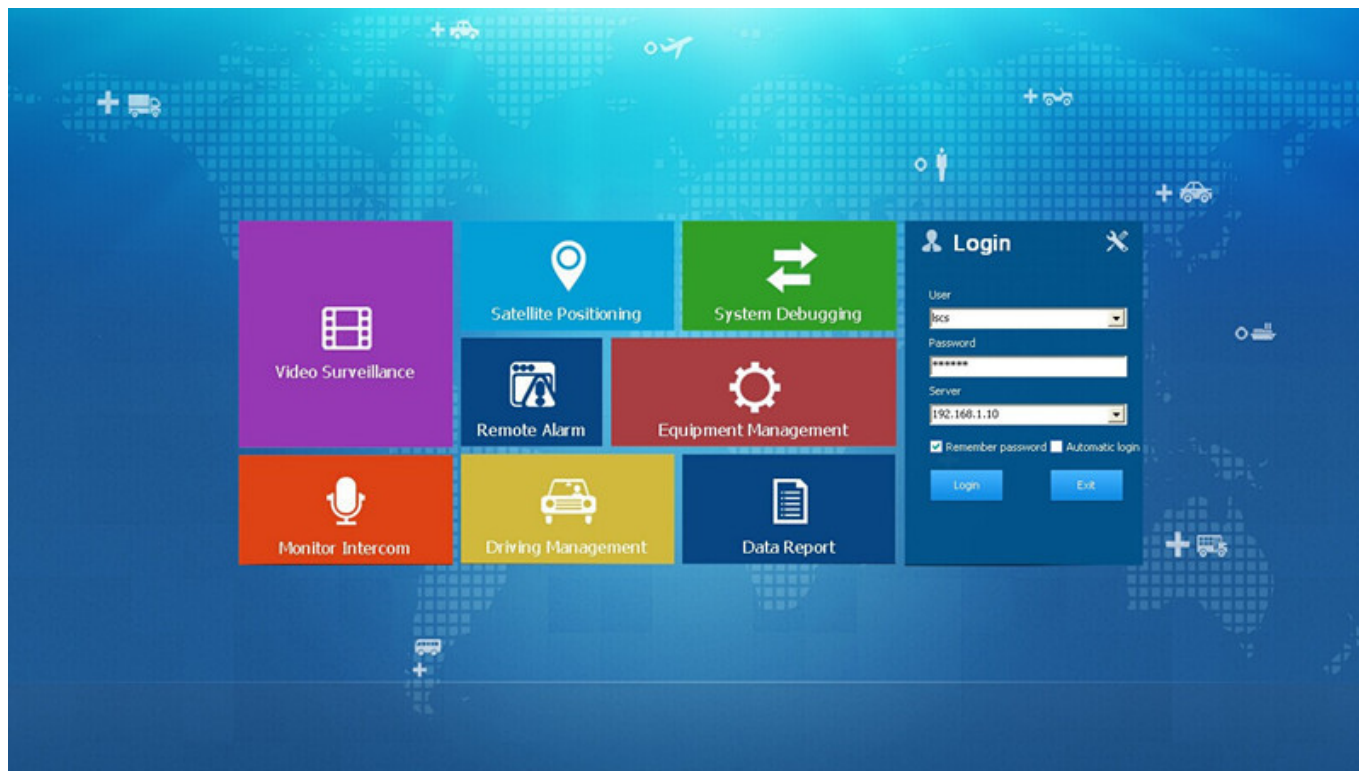
5CH MEGA PIXELS HD HDD MOBILE DVR  
五路百万高清车载硬盘录像机

宽电源	无风机电	PTZ	报警	VGA	多码流	减震	CAN	ACC	OTA
车辆信息	录像	GPS/BD	3G/4G	拨打电话	语音对讲	WIFI	定时控制	手机监控	MSG

模拟 数字

The image displays the RCM-MDR7105 Mobile DVR unit, a black rectangular device with a silver heat sink. It features a USB port, an AV OUT port, and a 3.5mm audio jack. The unit is shown with its reflection on a blue surface. Surrounding the unit are several circular icons illustrating its features: a monitor displaying multiple camera feeds, a coiled cable, a bundle of various colored cables, and a close-up of the rear panel showing multiple ports (BNC, RCA, USB, etc.).

PC VIEWING CLIENT SOFTWARE



## OUTSTANDING FUNTIONS



## GPS Positioning & Overspeed Alarm

GPS data including Latitude, Longitude, and speed of vehicles will be saved along with video footages on to the SD card or hard disk, while playing the footages you can also check the the locations of your vehicles on map. Besides, alerts would be triggered while driving overspeed.



## 2TB + 128GB Large Capacity Storage

Up to 2TB hard disk & 128GB SD Card supported at the same time for saving video footages, once the disk is full, the DVR will overwrite the earlier files to make space for new files, which means you can have the DVR recording all the time to look after your vehicle.

## Alarm I/O Alarm & Alarm Recording

The DVR supports 6 I/O inputs and 1 alarm output. You can set those Inputs to record vehicle bracking, turning left/ right, door opening and more. Also, they can be simply used as a Panic Button, or work with other external sensors to trigger recording or send message to the monitor center.



## Main Features

\*HIS Solution,H.264 Compression,support 5ch Million Pixels video surveillance, video recording and playback (4CH real-time 720p million Analog HD input and analog standard definition camera + 1CH 1080P network camera input);

\*3CH video output (2CH CVBS video output,Support front and rear output; 1CH VGA output for optional )

\*Exclusive pre-allocate DVR Special File System Technology,Solving repeatedly wipe cause file fragmentation, solving storage file system crash, data loss and cannot find storage media and file garbled , ensure the integrity of the data.

\*6-36V wide voltage with low power consumption. Support Reverse Protection,over-voltage/over-current protection.Output max to 10Amps current, support 12V & 5V peripheral equipment

ower supply. Ultra low power design;

\*Unique UPS Technology ensures the integrity of record when power failure occurs,even can last for 8-10s.

\*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;

\*Support 2 USD ports, data backup and equipment upgrades.

\*Support 9CH alarm input (1CH Analog input + 8CH IO alarm input),2CH Independent alarm output.

\*Support HDD heating functions,can work in harsh environment.

\*Support GPS/BD/G-Sensor Extension module;

\*Realize real-time monitor through 3G/4G;

\*Support Broadcast/Intercom/Text sent etc;can add oil sensor/temperature sensor/POS/LED Advertisement Panel;

\*Support OTG device upgrade automatically, , device can automatically upgrade version update, maintenance is more convenient

\*Support IOS/Android Phone Remote monitor

\*High reliability aviation connectors, high cost performance, stable and reliable.

## Specifications

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 Analog High Definition video+1CH 1080P digital video input ,aviation connector, 1.0Vp-p, 75Ω
	Video Output	2CH CVBS output+1CH VGA output for optional,1.0Vp-p, 75Ω,Support 1CH Full Screen,4CH Screen view
	Preview	Support 1 channel and 4 channels preview, 5 channels splice preview Support Manual/Alarm Trigger full screen preview
	Resolution	1080P/720P/D1/HD1/CIF, MAX:4 channels of 720P + 1080P / 4 channels of D1
	Image Quality	1-4 levels, 1 is the highest level. PAL: 100f/s , CCIR625 line,50field; NTSC: 120f/s, CCIR525 line,60field;
	Video Standard	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
Audio	Record Mode	The default setting is auto recording after power on. Timed recording, alarm trigger recording and manual recording are supported.
	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	
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	
Storage	HDD	Max 2.5" HDD
	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 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 Max support 4CH Replay /Stop/Fast/Slow at same time
	Playback	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/ over-load/Reversing connection/voltage shortage/short circuit etc.
	Input Voltage	DC:+6V - +36V
	Output Voltage	+12V,1.5A,+5V,1.5A
	Power	Working <5W
Working Environment	Temperature	-20°C - +70°C
	Humidity	20% - 80%
Others	Size	200 (D)* 187(W)* 62(H) mm
	Weight	1.90 Kg

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## Advantages

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### Product Features:

HIS Solution,H.264 Compression,Multiple Streams record ,5CH AHD Video input, 4CH real-time 720p million Analog HD input and analog standard definition camera + 1CH 1080P network camera input,

High quality real time recording, 1080P/720P/CIF/HD1/D1 Optional, quality adjustable;

Professional Car Power Design,6-36V wide voltage,Provide reverse voltage/over-load/short circuit protection, to meet kinds of car application;

Support 12VDC output voltage,power supply for Camera/Screen etc;  
Max 2TB HDD + 128GB SD Card Mirror Recording,protect DVR from shock & Dust damage;  
Watchdog abnormal restart function,protect SD Card and Record;

Exclusive Pre-allocated Vehicle File System protect data completeness ;

ACC Delay off,can set 24 hours;

Unique UPS Technology ensures the integrity of record when power failure occurs,even can last for 10-15s.

Auto Record/Manual Record/Alarm Record etc working mode to meet different requirements;  
Show Car status/Plate/Driving Route/Low Speed/Over Speed information for convenient management;  
Support GPS/BD,3G/4G Module Optional,WIFI extend;  
Strong Network,device configure via IE Web,Support SMS Get device information and configure;  
Support Monitoring,Two-way Intercom, PTZ, Alarm,Over-speed,Geo Fence etc through remote control platform;  
8CH IO Alarm input(Door Open,Light,Turn direction,brake,reverse etc),can linkage kinds of alarm;

2CH Alarm Output,Support Light and Sound alarm sensor,Oil/Power cut off;  
High level aviation interface,easily installation and better shockproof, more stable;

Support Local Auto-photo when alarm input.

High reliable aviation connectors input/output, easy installation,stronger anti-vibration.  
Easily Smart GUI Interface, saving time in device setting;  
Strong Stable Application,Support 3G/4G Real-time monitor, talk-back,playback,record,picture snap etc;  
Updated through SD or OTA Remote Automatic updating,more stable and convenient;Support Phone Remote Monitor,Phone Calling etc;

Support PTZ/POS/Oil Sensor/LED Advertisement Panel etc;

Support Ministry of Transport Standard Agreement

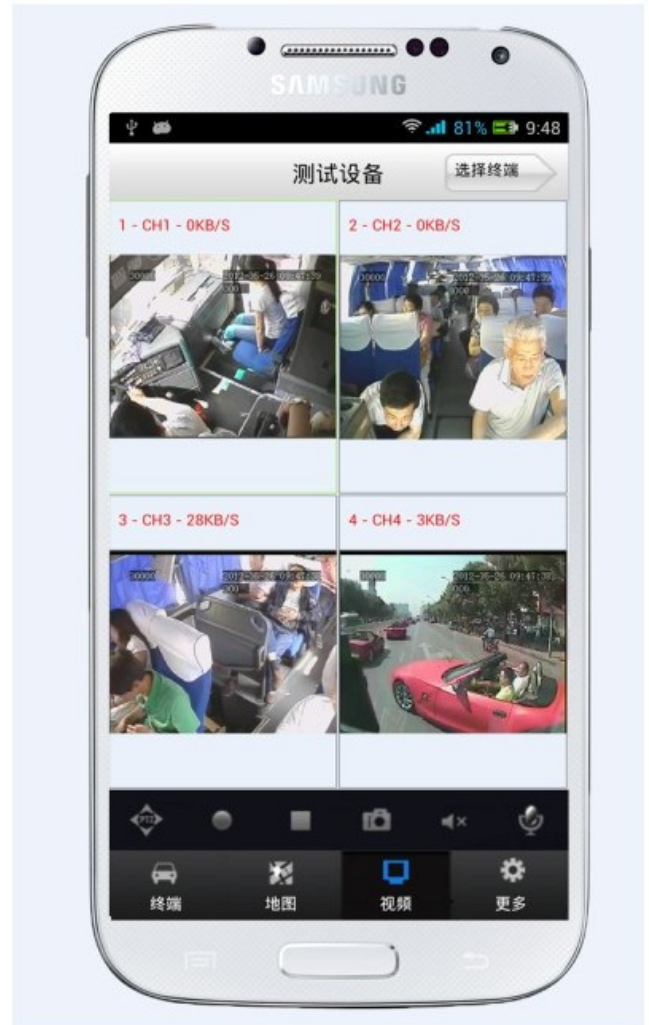
Be Customized according your request;

## **PC&Phone Monitoring**

# **CMSV6 Interface**

**hand CMSV6 In Mobile Phone  
Have all in the palm of your**

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



MoneyGram

PayPal

HSBC



# Richmor

## CPSE2012 in Shenzhen



## CPSE2013

10.29-10.31

4 Booth we have

Welcome you !!!



## CPSE2012-- Guangdong TV Report-Shenzhen Richmor



VERIFICATION OF CONFORMITY



## Verification of Conformity

Reference No.: ULC030300009

<b>Responsible Party</b>	Shenzhen Richison Technology Development Co., LTD.
<b>Address</b>	2F No.88 West Longgang Road, Longhua New District, Shenzhen, China
<b>Product</b>	Camera
<b>Model No.</b>	RICO-IPCC2M, RICO-IPCC2M, RICO-IPCC2M, RICO-IPCC2M, RICO-IPCC2M, RICO-IPCC2M, RICO-200, RICO-442, RICO-446, RICO-446S, RICO-200S, RICO-446S, RICO-446S, RICO-446S, RICO-446S, RICO-446S, RICO-446S, RICO-446S
<b>Trade Mark</b>	Richison
<b>Standards</b>	FCC-CFR 47 PART 15 Subpart B, 2011, ANSI/CISPR 22:2005

**Important note:**

This device is in conformance with Part 15 of the FCC Rules and Regulations for radio frequency devices. Declaration of this product is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device is conform to the applicable FCC Rules and Regulations. The method of testing was in accordance to the most accurate measurement standards possible, and that all necessary steps have been followed to ensure that all production units of the same equipment will continue to comply with the Federal Communications Commission's requirements.



  
 Date: April 10, 2012

Shenzhen ULC Compliance Testing Laboratory Ltd.  
 #1, Anping Industrial Park, Songgang Street, Bao'an District, Shenzhen,  
 Guangdong, China  
 Tel: +86-755-83616166  
<http://www.ulc.com.cn/en>

Fax: +86-755-83270019  
 Email: [ulc@ulc.com.cn](mailto:ulc@ulc.com.cn)

	<h2 style="margin: 0;">Verification of Conformity</h2> <p style="margin: 0;">Reference No. <b>LC010000000719</b></p>	
	Responsible Party :	Shenzhen Weikuan Technology Development Co., Ltd.
	Address :	2F No. 64 West Longgang Road, Longgang New District, Shenzhen, China
	Product :	Mobile DVR
	Model No. :	DVM-M00000, RCM-M00000, RCM-M00001, RCM-M00002, RCM-M00003, RCM-M00004, RCM-M00005, RCM-M00006
	Trade Mark :	Weikuan
	Standards :	FCC (EMC PART II) Subject No. 0114, 0000 (CELA 2000)
	<p><b>Important note:</b></p> <p>This device is in-conformance with Part 15 of the FCC Rules and Regulations for radio frequency devices. Operation of the product is subject to the following two conditions:</p> <p>(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause unwanted operation.</p> <p>We warrant to conform to the applicable FCC Rules and Regulations. The method of testing used in accordance to this accurate measurement standards procedure, and that all necessary steps have been enhanced to ensure that all production units of the same equipment will continue to comply with the Federal Communications Commission's requirements.</p>	
	 Mr. Wang April 16, 2013	
	<p>Shenzhen LCC Compliance Testing Laboratory Ltd.</p> <p>40, Jingnong commercial Park, Jingnong Road, Shen Bao District, Shenzhen, Guangdong, China</p> <p>Tel: 86-755-83241232 Fax: 86-755-83291919 Email: wshen@lcc-test.com</p> <p>http://www.lcc-test.com</p>	

CERTIFICATE OF CONFORMITY		
	<b>CERTIFICATE of Conformity</b> Reference No.: <b>CCC03080239475</b>	
	Applicant:	Shenzhen Hsiner Technology Development Co., LTD.
	Address:	17/F, No.44 West Longgang Road, Longgang New District, Shenzhen, China
	Product:	Mobile DVD
Model:	RCM-80000, RCM-80000, RCM-80000, RCM-80000, RCM-80000, RCM-80000, RCM-80000, RCM-80000	
Trade Mark:	Hsiner	
<p>The submitted products have been tested in us with the latest standards and found in compliance with the following European Directives:</p> <p>The EMC Directive (2004/108/EC)</p> <p>EN 60950: 2012, EN 60950: 2010</p> <p>The tests were performed in normal operation mode. The test results apply only to the particular sample tested and to the specific tests carried out. This certificate applies specifically to the sample investigated in our test reference number only.</p> <p>The CE markings as shown below can be affixed on the product after preparation of necessary technical documentation.</p> <p>Other relevant Directives have to be observed.</p>		
<div style="display: flex; justify-content: space-around; align-items: center;">  <div style="text-align: right;">                 Date: 11.10.17           </div> </div>		
Shenzhen CCC Compliance Testing Laboratories Ltd. 17/F, Hsiner Industrial Park, Tongde Road, Bao'an Dist., Shenzhen District, Shenzhen, Guangdong, China Tel: (86)755-83787133 <a href="http://www.ccc-apr.com">http://www.ccc-apr.com</a>		
Fax: (86)755-83787122 Email: <a href="mailto:admin@ccc-apr.com">admin@ccc-apr.com</a>		

	
<h1 style="text-align: center;">CERTIFICATE of Conformity</h1> <p style="text-align: center;">Reference No.: <b>LCB-24-000875</b></p>	
<b>Applicant</b>	1. <b>Shenzhen Winson Technology Development Co., LTD.</b>
<b>Address</b>	2F No.44 West Longgang Road, Longgang New District, Shenzhen, China
<b>Product</b>	1. <b>Camera</b>
<b>Model(s)</b>	NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20, NON-IP20
<b>Trade Mark</b>	1. <b>Winson</b>
<p>The submitted products have been tested by us with the listed standards and found to be compliant with the following European Directives:</p> <p><b>The EMC Directive 2004/108/EC</b></p> <p><b>EN 55022, EN 55024, EN 55025</b></p> <p>The tests were performed in normal operation mode. The test results apply only to the particular sample tested and to the specific tests carried out. This certificate applies specifically to the sample investigated in our test reference number 240.</p> <p>The CE-markings on above listed can be affixed on the product after presentation of necessary technical documentation.</p> <p>(Other relevant Directives have to be checked)</p>	
<div style="display: flex; justify-content: space-around; align-items: center;">   </div>	
<p>Shenzhen LCB Compliance Testing Laboratory Ltd.          17, Angangwan Industrial Park, Tonghua Road, Baoyan Street, Shekou District, Shenzhen          Tel: (86)755-82591122          Fax: (86)755-82591122          E-mail: <a href="mailto:admin@lcb-test.com">admin@lcb-test.com</a>  <a href="http://www.lcb-test.com">http://www.lcb-test.com</a></p>	

CERTIFICATE OF CONFORMITY



## CERTIFICATE

### of Conformity

(EU/EEA) Restriction of Hazardous Substances

Reference No.: **1-01-00000000**

When tested as specified, the submitted sample complies with the requirements of Commission Decision of 21 July 2005 (amending Decision 2002/95/EC).

<b>Applicant</b>	Shenzhen Huichuan Technology Development Co., LTD.
<b>Address</b>	3F, No.44 West Longgang Road, Longgang New District, Shenzhen, China
<b>Trade Mark</b>	Huichuan
<b>Product</b>	Camera
<b>Model(s)</b>	RC08-0720A, RC08-0720B, RC08-0720C, RC08-0720D, RC08-0720E, RC08-0720F, RC08-0720G, RC08-0720H, RC08-0720I, RC08-0720J, RC08-0720K, RC08-0720L, RC08-0720M, RC08-0720N, RC08-0720O, RC08-0720P, RC08-0720Q, RC08-0720R

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Other relevant directives have to be observed:

# RoHS



Date: 2013.07.15

Shenzhen CCS Compliance Testing Laboratory Ltd.

3F, Longgang Science Park, Tongda Road, Shaoan Road, Baoan District, Shenzhen, Guangdong, China

Tel: 0755-8328-0000

http://www.ccs-apn.com

Fax: 0755-8328-4150

Email: [admin@ccs-apn.com](mailto:admin@ccs-apn.com)

	
<b>CERTIFICATE</b> <b>of Conformity</b> IET/10001: Association of Mutual-Use Suppliers	
Reference No.: L301-2010-028174	
(When tested as specified, the submitted sample complies with the requirements of Commission Decision of 21 July 2010 amending Directive 2002/95/EC)	
Applicant	Shenzhen Redstar Technology Development Co., Ltd.
Address	3F, No. 24 West Longgang Road, Longgang New District, Shenzhen, China
Trade Mark	Redstar
Product	Monitor (TV)
Model(s)	RCM-MC0001, RCM-MC0002, RCM-MC0003, RCM-MC0004, RCM-MC0005, RCM-MC0006, RCM-MC0007, RCM-MC0008, RCM-MC0009, RCM-MC0010
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(Other relevant documents have to be attached)	
<h1>RoHS</h1>	
  April 16, 2012	
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Fax: (86)755-82591122 E-mail: <a href="mailto:service@www.culab.com">service@www.culab.com</a>	

**Skype:rcmcctvsales2**