

product specification:

Item	parameter	
Operating System	Linux	
Language	English/chinese/customized	
Video Compression	H.264 Compression	
<b>OSD</b>	<b>overlays information such as date time and vehicle ID</b>	
GUI	Graphical user interface setup system parameters with the remote control	
	video input	4CH 960P/720P AHD input,aviation connector, 1.0Vp-p, 75Ω
	video output	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
	<b>image quality</b>	<b>1-4 levels, 1 is the highest level.</b>
<b>Video Record System</b>	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.
<b>Audio</b>	<b>audio input</b>	<b>4CH Aviation Plug Input</b>
	<b>audio output</b>	<b>2CH,headphone connect at front panel, BNC Connect on Back panel</b>
	<b>compression</b>	<b>G.726 compression, 8KB/s speed</b>
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
<b>Wireless Transmission</b>	<b>Support Built in 3G transmission,, WCDMA, CDMA2000,GPRS, EDGE; Built in 4G module optional, TDD-LTE, FDD-LTE</b>	
GPS Position	Support Built GPS/BD Module	
Storage	HDD	Max 2.5" 1TB 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
	file system	Special FAT32 File System
	USB	USB Interface on Front Panel for data back up by U Disk,Hard Disk
<b>Record Replay</b>	<b>video search</b>	<b>Search By Record Time/Record Type etc</b>
	<b>playback</b>	<b>Max support 4CH Replay /Stop/Fast/Slow at same time Support forward and backward play at the speed of: x 2,x4,x8,x16.</b>
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
<b>Voltage &amp; Power</b>	<b>Power Management</b>	<b>Wide Voltage.Support Timed/Delay off</b>
	<b>Input Voltage</b>	<b>DC:+6V - +36V</b>
	<b>Output Voltage</b>	<b>+12V~1.5A,+5V~1.5A</b>
	<b>Power</b>	<b>Working&lt;5W</b>
Working Environment	Temperature	-20°C - +70°C
	Humidity	20% - 80%

Others	Size	200 (D)* 187(W)* 62(H) mm
	Weight	1.90Kg

Product Show;



**Factory Audit**

- SMS Device configure**
- OTA Remote Updating**
- 8CH Full D1 Real time monitor**
- 2TB HDD + 128GB SD Card**

# Richmor

OEM/ODM Customized  
 Factory Price  
 Independent R&D Tech  
 Low Moq



RICHMOR TECH

CE

FCC



ROHS





**SMS Device configure**  
**OTA Remote Updating**  
**8CH Full D1 Real time monitor**  
**2TB HDD + 128GB SD Card**

# Richmor

OEM/ODM Customized  
Factory Price  
Independent R&D Tech  
Low Moq







AV Input Cables



AV Output Cable



Power Cable



IO Cables



Remote Control



GPS Antenna



CD ( Manual & Software Inside)



SD Mobile DVR



Richmor Brand Package



Standard Package

# Client User Graph Interface

**移动视频监控平台**

系统 | 实时预览 | 电子地图 | 回放管理 | 信息管理 | 系统设置

终端列表 | 轮询列表 | 我的地图

设备类型: MDVR  
终端名称: 贵C A6446  
终端ID: 80109  
公司: 遵义集团金融公司  
所属分组: 贵州  
状态: 在线  
GPS时间: 2016-03-14 09:50:09  
位置: 贵州省遵义市习水县G4215(带道高速)  
速度: 74.10 km/h(南)  
费用: 正常

终端	GPS时间	位置	速度	报警
贵C A6446	2016-03-14 09:50:09	贵州省遵义市习水县G4215(带道高速公路)	74.10 km/h(南)	
桂KY7507	2016-03-14 09:50:17	广西壮族自治区玉林市博白县人民中路38号	11.00 km/h(北)	
桂KY7569	2016-03-14 09:50:38	广西壮族自治区玉林市博白县X403	27.00 km/h(西北)	
桂KY7599	2016-03-14 09:49:03	广西壮族自治区玉林市博白县S216	0.00 km/h(东)	

运行时长: 00:01:04 | 在线数: 3 / 定损数: 1 / 欠费: 0 / 总数: 11 | 在线率: 27.27% / 定损率: 9.09%

## Application



## FUNCTIONS

- Video & Audio real-time monitoring
- Online Vehicle Status
- Satellite Map
- GPS
- Video Storage
- Tracking Display
- Intercom
- Fuel Sensor
- G-Sensor
- Temperature-Sensor

**Richmor**

OEM & ODM Service

Brasil World Cup Supplier  
[www.rcmctv.com](http://www.rcmctv.com)



Truck  
Coach



School Bus  
Bus



Police Car  
Taxi



Support  
All Vehicles

certificate

**VERIFICATION OF CONFORMITY**

**Verification of Conformity**  
Reference No.: LC0304000719

Responsible Party: Shenzhen Reaktor Technology Development Co., LTD.

Address: 27 No.24 West Longgang Road, Longhua New District, Shenzhen, China

Product: Tablets

Models: NCM-IP27H, NCM-IP27L, NCM-IP27M, NCM-IP27S, NCM-IP27A, NCM-IP27B, NCM-IP27C, NCM-IP27D, NCM-IP27E, NCM-IP27F, NCM-IP27G, NCM-IP27H, NCM-IP27I, NCM-IP27J, NCM-IP27K, NCM-IP27L, NCM-IP27M, NCM-IP27N, NCM-IP27O, NCM-IP27P, NCM-IP27Q, NCM-IP27R, NCM-IP27S, NCM-IP27T, NCM-IP27U, NCM-IP27V, NCM-IP27W, NCM-IP27X, NCM-IP27Y, NCM-IP27Z

Trade Mark: Reaktor

Standards: FCC CFR 47 PART 15 Subpart B, 2011, AND 2013-2008

**Important note:**  
This device is in compliance with Part 15 of the FCC Rules and Regulations for radio frequency devices. Operation of the 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.  
The manufacturer is responsible for compliance with FCC Rules and Regulations. The method of testing used is according to the radio frequency measurement standards procedure, 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.

Shenzhen LCC Compliance Testing Laboratory Ltd.  
27, Kingqun Industrial Park, Tongde Road, Biao'er Blvd., Bao'an District, Shenzhen, Guangdong, China  
Tel: 86(755)42091132 Fax: 86(755)42091132  
http://www.lcc-test.com Email: admin@lcc-test.com

Manager  
April 16, 2013

**VERIFICATION OF CONFORMITY**

**Verification of Conformity**  
Reference No.: LC0304000719

Responsible Party: Shenzhen Reaktor Technology Development Co., LTD.

Address: 27 No.24 West Longgang Road, Longhua New District, Shenzhen, China

Product: Mobile CPU

Models: NCM-M200L, NCM-M200M, NCM-M200S, NCM-M200A, NCM-M200B, NCM-M200C, NCM-M200D, NCM-M200E, NCM-M200F, NCM-M200G, NCM-M200H, NCM-M200I, NCM-M200J, NCM-M200K, NCM-M200L, NCM-M200M, NCM-M200N, NCM-M200O, NCM-M200P, NCM-M200Q, NCM-M200R, NCM-M200S, NCM-M200T, NCM-M200U, NCM-M200V, NCM-M200W, NCM-M200X, NCM-M200Y, NCM-M200Z

Trade Mark: Reaktor

Standards: FCC CFR 47 PART 15 Subpart B, 2011, AND 2013-2008

**Important note:**  
This device is in compliance with Part 15 of the FCC Rules and Regulations for radio frequency devices. Operation of the 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.  
The manufacturer is responsible for compliance with FCC Rules and Regulations. The method of testing used is according to the radio frequency measurement standards procedure, 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.

Shenzhen LCC Compliance Testing Laboratory Ltd.  
27, Kingqun Industrial Park, Tongde Road, Biao'er Blvd., Bao'an District, Shenzhen, Guangdong, China  
Tel: 86(755)42091132 Fax: 86(755)42091132  
http://www.lcc-test.com Email: admin@lcc-test.com

Manager  
April 16, 2013

**CERTIFICATE OF CONFORMITY**  
Reference No.: LC0304000719

Applicant: Shenzhen Reaktor Technology Development Co., LTD.

Address: 27 No.24 West Longgang Road, Longhua New District, Shenzhen, China

Product: Mobile CPU

Models: NCM-M200L, NCM-M200M, NCM-M200S, NCM-M200A, NCM-M200B, NCM-M200C, NCM-M200D, NCM-M200E, NCM-M200F, NCM-M200G, NCM-M200H, NCM-M200I, NCM-M200J, NCM-M200K, NCM-M200L, NCM-M200M, NCM-M200N, NCM-M200O, NCM-M200P, NCM-M200Q, NCM-M200R, NCM-M200S, NCM-M200T, NCM-M200U, NCM-M200V, NCM-M200W, NCM-M200X, NCM-M200Y, NCM-M200Z

Trade Mark: Reaktor

The submitted products have been tested in accordance with the latest standards and found to be compliant with the following European Directives:  
**The EMC Directive 2004/108/EC**  
EN 55032: 2005, EN 55034: 2005

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 and is not a reference number only.  
The CE marking as shown below can be affixed on the product after preparation of necessary technical documentation.  
Other relevant Directives have to be obtained.

Shenzhen LCC Compliance Testing Laboratory Ltd.  
27, Kingqun Industrial Park, Tongde Road, Biao'er Blvd., Bao'an District, Shenzhen, Guangdong, China  
Tel: 86(755)42091132 Fax: 86(755)42091132  
http://www.lcc-test.com Email: admin@lcc-test.com

Manager  
April 16, 2013

**CERTIFICATE OF CONFORMITY**

**CERTIFICATE of Conformity**  
Reference No.: LC0304000875

Applicant: Shenzhen Reaktor Technology Development Co., LTD.

Address: 27 No.24 West Longgang Road, Longhua New District, Shenzhen, China

Product: Tablets

Models: NCM-IP27H, NCM-IP27L, NCM-IP27M, NCM-IP27S, NCM-IP27A, NCM-IP27B, NCM-IP27C, NCM-IP27D, NCM-IP27E, NCM-IP27F, NCM-IP27G, NCM-IP27H, NCM-IP27I, NCM-IP27J, NCM-IP27K, NCM-IP27L, NCM-IP27M, NCM-IP27N, NCM-IP27O, NCM-IP27P, NCM-IP27Q, NCM-IP27R, NCM-IP27S, NCM-IP27T, NCM-IP27U, NCM-IP27V, NCM-IP27W, NCM-IP27X, NCM-IP27Y, NCM-IP27Z

Trade Mark: Reaktor

The submitted products have been tested in accordance with the latest standards and found to be compliant with the following European Directives:  
**The EMC Directive 2004/108/EC**  
EN 55032: 2005, EN 55034: 2005

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 and is not a reference number only.  
The CE marking as shown below can be affixed on the product after preparation of necessary technical documentation.  
Other relevant Directives have to be obtained.

Shenzhen LCC Compliance Testing Laboratory Ltd.  
27, Kingqun Industrial Park, Tongde Road, Biao'er Blvd., Bao'an District, Shenzhen, Guangdong, China  
Tel: 86(755)42091132 Fax: 86(755)42091132  
http://www.lcc-test.com Email: admin@lcc-test.com

Manager  
April 16, 2013

**CERTIFICATE OF CONFORMITY**

**CERTIFICATE of Conformity**  
2011/65/EU Restriction of Hazardous Substances  
Reference No.: LC0304000875

When tested as specified, the submitted sample complies with the requirements of Commission Decision of 27 July 2011 amending Directive 2011/65/EU.

Applicant: Shenzhen Reaktor Technology Development Co., LTD.

Address: 27 No.24 West Longgang Road, Longhua New District, Shenzhen, China

Trade Mark: Reaktor

Product: Tablets

Models: NCM-IP27H, NCM-IP27L, NCM-IP27M, NCM-IP27S, NCM-IP27A, NCM-IP27B, NCM-IP27C, NCM-IP27D, NCM-IP27E, NCM-IP27F, NCM-IP27G, NCM-IP27H, NCM-IP27I, NCM-IP27J, NCM-IP27K, NCM-IP27L, NCM-IP27M, NCM-IP27N, NCM-IP27O, NCM-IP27P, NCM-IP27Q, NCM-IP27R, NCM-IP27S, NCM-IP27T, NCM-IP27U, NCM-IP27V, NCM-IP27W, NCM-IP27X, NCM-IP27Y, NCM-IP27Z

The test results are issued by the Company's subject to the Technical Conditions of Service printed on our website. Operation is subject to the limitations of safety, identification and professional usage without warranty. The results shown in this test report refer only to the samples tested unless otherwise stated. This Test Report cannot be reproduced, stored in a retrieval system or otherwise disseminated without the prior written permission of the Company.  
Other relevant Directives have to be obtained.

Shenzhen LCC Compliance Testing Laboratory Ltd.  
27, Kingqun Industrial Park, Tongde Road, Biao'er Blvd., Bao'an District, Shenzhen, Guangdong, China  
Tel: 86(755)42091132 Fax: 86(755)42091132  
http://www.lcc-test.com Email: admin@lcc-test.com

Manager  
April 16, 2013

**CERTIFICATE OF CONFORMITY**

**CERTIFICATE of Conformity**  
2011/65/EU Restriction of Hazardous Substances  
Reference No.: LC0304000875

When tested as specified, the submitted sample complies with the requirements of Commission Decision of 27 July 2011 amending Directive 2011/65/EU.

Applicant: Shenzhen Reaktor Technology Development Co., LTD.

Address: 27 No.24 West Longgang Road, Longhua New District, Shenzhen, China

Trade Mark: Reaktor

Product: Mobile CPU

Models: NCM-M200L, NCM-M200M, NCM-M200S, NCM-M200A, NCM-M200B, NCM-M200C, NCM-M200D, NCM-M200E, NCM-M200F, NCM-M200G, NCM-M200H, NCM-M200I, NCM-M200J, NCM-M200K, NCM-M200L, NCM-M200M, NCM-M200N, NCM-M200O, NCM-M200P, NCM-M200Q, NCM-M200R, NCM-M200S, NCM-M200T, NCM-M200U, NCM-M200V, NCM-M200W, NCM-M200X, NCM-M200Y, NCM-M200Z

The test report is issued by the Company's subject to the General Conditions of Service printed on our website. Operation is subject to the limitations of safety, identification and professional usage without warranty. The results shown in this test report refer only to the samples tested unless otherwise stated. This Test Report cannot be reproduced, stored in a retrieval system or otherwise disseminated without the prior written permission of the Company.  
Other relevant Directives have to be obtained.

Shenzhen LCC Compliance Testing Laboratory Ltd.  
27, Kingqun Industrial Park, Tongde Road, Biao'er Blvd., Bao'an District, Shenzhen, Guangdong, China  
Tel: 86(755)42091132 Fax: 86(755)42091132  
http://www.lcc-test.com Email: admin@lcc-test.com

Manager  
April 16, 2013

company and factory



**Richmor**

**OEM & ODM Service**

**Brasil World Cup Supplier**





**Exhibition:**



# Richmor

## CPSE2012 in Shenzhen



CPSE2013

10.29-10.31

4 Booth we have

Welcome you !!!



## CPSE2012-- Guangdong TV Report-Shenzhen Richmor



Welcome to contact **Susie** for more details

By Email/wechat, Wechat: Jobs2lovers

By Skype: rcmctvsales4

By Trademanager: cn1001765398

By Mobile phone/Whatsapp: +86-18126263832(Susie Zhou)