



TM



**DESIGN ENGINEERING  
MANUFACTURING**



2016  
→ [www.rdichina.com](http://www.rdichina.com)  
2017



# SGS

Certificate CN09/32194

The management system of

## RDI Technology (Shenzhen) Co., Ltd.

Building C1&C2, Xintang Industrial Park, Baishixia, Fuyong Street, Baoan District,  
Shenzhen City, Guangdong Province, China

Organization Code 77985786-7

has been assessed and certified as meeting the requirements of

### ISO 9001:2008

For the following activities

**Design and manufacture of cameras, monitors and Led Lighting;  
Manufacture of network IP audio encoder & decoder,  
telephone and printed circuit board assembly (PCBA)**

Further clarifications regarding the scope of this certificate and the applicability of  
ISO 9001:2008 requirements may be obtained by consulting the organization

This certificate is valid from 17 December 2015 until 15 September 2018  
and remains valid subject to satisfactory surveillance audits.  
Recertification audit due a minimum of 60 days before the expiration date  
Issue 3. Certified since 16 December 2009

Authorised by

SGS United Kingdom Ltd Systems & Services Certification  
Rossmore Business Park Ellesmere Port Cheshire CH65 3EN UK  
t +44 (0)151 350-6666 f +44 (0)151 350-6600 [www.sgs.com](http://www.sgs.com)

The certification information can be verified on the web site of Certification and Accreditation  
Administration of the People's Republic of China [www.cnca.gov.cn](http://www.cnca.gov.cn)



0005

SGS 9001-8 01 0614

Page 1 of 1



This document is issued by the Company subject to its General Conditions of  
Certification Services accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm).  
Attention is drawn to the limitations of liability, indemnification and jurisdictional  
issues established therein. The authenticity of this document may be verified at  
<http://www.sgs.com/en/Our-Company/Certified-Client-Directories/Certified-Client-Directories.aspx>. Any unauthorized alteration, forgery or falsification of the  
content or appearance of this document is unlawful and offenders may be  
prosecuted to the fullest extent of the law.

## ABOUT /// RDI

As a vertically integrated ISO9001:2008 manufacturing company, RDI controls the entire production process, from initial electronic, software and hardware design through manufacturing, final assembly and test. RDI's corporate headquarters are located in Mt. Kisco, NY. RDI manufactures a complete line of CCTV products and accessories at its factory, located in Shenzhen, China. Our in-house capabilities through hole assembly, complete product testing and final packaging, all accomplished at extremely competitive pricing.



RDI World Headquarters  
Mount Kisco, NY, USA



RDI Factory in Shenzhen, China  
100,000 sq.ft. manufacturing  
RDI Technology (ShenZhen) co., Ltd.  
Tel: +86-755-27333216,27308306.316.326.336  
Fax: +86-755-27308799  
Website: [www.rdichina.com](http://www.rdichina.com)  
E-mail: [sales@rdichina.com](mailto:sales@rdichina.com)





## ABOUT /// CCTV & ACCESSORY PRODUCTS

RDI's line of CCTV cameras, switchers, TFT-LCD monitors, wireless camera systems, wireless intruder systems, auto record systems, intercom / camera systems, lighting controllers and accessories all utilize the latest and most advanced semiconductor imaging technology available. RDI offers state-of-the-art of performance, feature rich products and professional level reliability at cost effective prices.

## ABOUT RDI'S ELECTRONIC DESIGN, ENGINEERING & MANUFACTURING SERVICES ///

RDI stays ahead by being innovative and constantly exploring new approaches and design concepts. RDI has an experienced staff of electrical, mechanical, firmware and quality engineers, as well as a talented team of industrial designers and HTML programmers. All have many years of accumulated knowledge and expertise in the following fields;

- Industrial design
- PCB design and layout
- Digital / analog electronics
- RF, radio subsystem & antenna design
- Microprocessor and microcontroller firmware & software design

## OEM / ODM MANUFACTURING SERVICES

RDI offers complete back-end services beyond assembly and box build which enables customers to work with us from production through final placement and distribution.

Our vertically integrated design and assembly facility delivers uncompromising quality over the widest range of products. RDI's flexibility gives our customers the ability to test new designs quickly and affordably. Relying on RDI for the most demanding assignments allows our customers to streamline purchasing and control associated costs.



Surface Mount



In Circuit Tester



PCB Designing

# TABLE OF // CONTENTS

Wireless Security Camera System with LCD monitor . . . . .	.01
HD (720P) Wireless Security Camera System with Android/iOS App . . . . .	.02
HD (720P) Security Camera and Lighting System. . . . .	.04
HD (720P) Wireless Security Camera . . . . .	.06
Full HD (1080P) Wireless Security Camera System with Android/iOS App.	.07
VGA Wireless DVR System . . . . .	.09
HD (720P) Wireless DVR System . . . . .	.10
Full HD (1080P) Wireless DVR System. . . . .	.13
WiFi (local) Camera + IP Camera . . . . .	.14
2.4" Digital Video Baby Monitor . . . . .	.15
4.3" Digital Video Baby Monitor . . . . .	.16
4.3" Digital Video Baby Monitor . . . . .	.17
7" Digital Video Baby Monitor. . . . .	.18

Model: CM811733



M733



Motion Sensor

CA811

## Features:

- 2.4GHz digital wireless technology
- 100% secure, interference free
- System expandable up to 4 cameras, quad or single channel display
- Weather proof camera with motion detection and night vision
- 7" touch screen monitor with manual, auto and schedule record
- Individually record 4 channels (4 different files) at the same time
- Two-way audio
- IR cut filter with auto switch (True Day/Night)
- Pre-recording
- Trigger recording is active even if don't watch this channel

## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	4Mbps
Transmitting Range	300m line of sight
<b>Camera</b>	
Image sensor type	1/4" Color CMOS Image sensor
Effective Pixel	640 (H) x 480 (V)
Power requirement	9V DC 600mA
Image Resolution	VGA @ 25 fps
Lens	3.6mm F2.0
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	16 LEDs / 850nm, 12m
PIR angle (horizontal)	60°
PIR range (25°C)	5m
Weather proof	IP65
Operation temperature	-20~40°C
Camera Housing Material	ABS
<b>LCD Monitor</b>	
LCD Panel size	7 Inch
LCD Resolution	800 RGB (H) x 480 (V)
View Angle	H: 140° V: 110°
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	5V DC 2A

Model: CM812732



CA812



M732



## Features:

### Local side

- 2.4GHz digital wireless technology
- System supports up to 4 cameras, single channel or quad display
- 7" touch screen monitor with auto, manual and schedule recording
- Individually records different channels at the same time
- Pre-recording to ensure catch full event
- PIR + VMD for more reliable motion detection
- Weather proof camera with motion detection and night vision
- Two-way audio

### Remote side

- P2P solution for simple installation and set up
- Support iOS and Android
- Play back (video and audio) at remote side
- View different channels as local monitor preview
- Push notification

## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	4Mbps
Transmitting Range	300m line of sight
<b>Camera</b>	
Image sensor type	1/4" Color 1.0 Megapixel CMOS Image sensor
Effective Pixel	1280 (H) x 720 (V)
Power requirement	9V DC 600mA
Image Resolution	Cam x 2 : 720px1 @ 15 fps Cam x 2 : VGAX2 @ 25 fps Cam x 4 : QVGAx4 @ 25 fps / VGA x 4 @ 15 fps
Lens	3.6mm F2.0
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	16 LEDs / 850nm, 12m
PIR angle (horizontal)	60°
PIR range (25°C)	5m
Weather proof	IP65
Operation temperature	-20~40°C
Camera Housing Material	ABS
<b>LCD Monitor</b>	
LCD Panel size	7 Inch
LCD Resolution	800 RGB (H) x 480 (V)
View Angle	H: 140° V: 110°
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	5V DC 2A



Model: CM824922



M922 (9" monitor)



Motion Sensor

CA824



## Features:

### Local side

- 2.4GHz digital wireless technology
- System supports up to 4 cameras, single channel or quad display
- 9" monitor with auto, manual and schedule recording 720P or VGA resolution
- Individually records different channels at the same time
- Pre-recording to ensure catch full event
- PIR + VMD for more reliable motion detection
- Weather proof camera with motion detection and night vision
- Two-way audio

### Remote side

- P2P solution for simple installation and set up
- Support iOS and Android
- Play back (video and audio) at remote side
- View different channels as local monitor preview
- Push notification

## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	4Mbps
Transmitting Range	300m line of sight
<b>Camera</b>	
Image sensor type	1/4" Color 1.0 Megapixel CMOS Image sensor
Effective Pixel	1280 (H) x 720 (V)
Power requirement	9V DC 600mA
Image Resolution	Cam x 2 : 720px1 @ 15 fps Cam x 2 : VGAX2 @ 25 fps Cam x 4 : QVGAx4 @ 25 fps / VGA x 4 @ 15 fps
Lens	3.6mm F2.0
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	24 LEDs / 850nm, 15m
PIR angle (horizontal)	60°
PIR range (25°C)	5m
Weather proof	IP65
Operation temperature	-20~40°C
Camera Housing Material	ABS
<b>LCD Monitor</b>	
LCD Panel size	9 Inch
LCD Resolution	800 RGB (H) x 480 (V)
View Angle	H: 140° V: 110°
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	5V DC 2A



Model: CM692732



M732



## Features:

- 7" rechargeable, wireless, touchscreen LCD monitor
- Record up to 720p HD video with audio into SD card (support up to 128GB)
- 2 weather resistant HD cameras featuring Infrared LEDs with range up to 45 feet for night use
- 6W white LEDs with equivalent light output to 60W halogen
- 500 lumens white LED to light your way or for added security
- White LED light comes with manual, motion and timer activation
- Remote access with free apps for smartphone /tablet
- Programmable notification alert
- Manual, motion and scheduled recording
- Two-way audio
- Expandable up to 4 cameras
- Ideal for backyard, front yard, entry door, side of house, walkway, shed, driveway, detached garage



CL692 (720P camera)



## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	4Mbps
Transmitting Range	300m line of sight
<b>Camera</b>	
Image sensor type	1/4" Color 1.0 Megapixel CMOS Image sensor
Effective Pixel	1280 (H) x 720 (V)
Power requirement	9V DC 2A
Image Resolution	Cam x 2 : 720px1 @ 15 fps Cam x 2 : VGAX2 @ 25 fps Cam x 4 : QVGAx4 @ 25 fps / VGA x 4 @ 15 fps
Lens	3.6mm F2.0
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	12m
PIR angle (horizontal)	60°
PIR range (25°C)	5m
Weather proof	IP54
Operation temperature	-20~40°C
Camera Housing Material	Aluminum
<b>LCD Monitor</b>	
LCD Panel size	7 Inch
LCD Resolution	800 RGB (H) x 480 (V)
View Angle	H: 140° V: 110°
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	5V DC 2A

Model: CM692922



M922



CL692 (720P camera)



## Features:

## Specifications:

- 9" rechargeable, wireless LCD monitor
- Record up to 720P HD video with audio into SD card (support up to 128GB)
- 2 weather resistant HD cameras featuring Infrared LEDs with range up to 45 feet for night use
- 6W white LEDs with equivalent light output to 60W halogen
- 500 lumens white LED to light your way or for added security
- White LED light comes with manual, motion and timer activation
- Remote access with free apps for smartphone /tablet
- Programmable notification alert
- Manual, motion and scheduled recording
- Two-way audio
- Expandable up to 4 cameras
- Ideal for backyard, front yard, entry door, side of house, walkway, shed, driveway, detached garage

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	4Mbps
Transmitting Range	300m line of sight
<b>Camera</b>	
Image sensor type	1/4" Color 1.0 Megapixel CMOS Image sensor
Effective Pixel	1280 (H) x 720 (V)
Power requirement	9V DC 2A
Image Resolution	Cam x 2 : 720px1 @ 15 fps Cam x 2 : VGAX2 @ 25 fps Cam x 4 : QVGAx4 @ 25 fps / VGA x 4 @ 15 fps
Lens	3.6mm F2.0
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	12m
PIR angle (horizontal)	60°
PIR range (25°C)	5m
Weather proof	IP54
Operation temperature	-20~40°C
Camera Housing Material	Aluminum
<b>LCD Monitor</b>	
LCD Panel size	9 Inch
LCD Resolution	800 RGB (H) x 480 (V)
View Angle	H: 140° V: 110°
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	5V DC 2A

Model: CA532 / CA652



**CA532**  
( Work w/M922 )



**CA652**  
( Work w/M922 & M732 )

## CA532 Features:

- 720P resolution
- Pan & tilt function
- Camera with night vision and motion detection
- Camera with speaker for two-way audio
- Desktop stand, wall or ceiling mounting

## CA652 Features:

- 720P resolution
- Camera with night vision and sound detection, can be used as baby camera
- Camera with speaker for two-way audio
- Desktop stand, wall or glass mounting

## Specifications:

<b>CA532</b>	
Image sensor type	1/4" Color 1.0 Megapixel CMOS Image sensor
Effective Pixel	1280 (H) x 720 (V)
Power requirement	5V DC 1A
Image Resolution	Cam x 2 : 720px1 @ 15 fps Cam x 2 : VGAX2 @ 25 fps Cam x 4 : QVGAX4 @ 25 fps / VGA x 4 @ 15 fps
Lens	3.9mm F1.8
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	8 IR LEDs/5m
PIR angle (horizontal)	60°
Operation temperature	-20~40°C
Camera Housing Material	ABS
<b>CA652</b>	
Image sensor type	1/4" Color 1.0 Megapixel CMOS Image sensor
Effective Pixel	1280 (H) x 720 (V)
Power requirement	5V DC 1A
Image Resolution	Cam x 2 : 720px1 @ 15 fps Cam x 2 : VGAX2 @ 25 fps Cam x 4 : QVGAX4 @ 25 fps / VGA x 4 @ 15 fps
Lens	4.5mm F2.8
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	8 IR LEDs/5m
PIR angle (horizontal)	60°
Operation temperature	-20~40°C
Camera Housing Material	ABS



Model: CM840736



CA840



M736

Features:

**Local side**

- 2.4GHz digital wireless technology
- System supports up to 4 cameras, single channel or quad display
- 7" touch screen monitor with auto, manual and schedule recording
- Individually records different channels at the same time
- Pre-recording to ensure catch full event
- PIR + VMD for more reliable motion detection
- Weather proof camera with motion detection and night vision

**Remote side**

- P2P solution for simple installation and set up
- Support iOS and Android
- Play back (video and audio) at remote side
- View different channels as local monitor preview
- Push notification

Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	6Mbps
Transmitting Range	300m line of sight
<b>Camera</b>	
Image sensor type	1/2.7" Color FHD CMOS Image sensor
Effective Pixel	1920 (H) x 1080 (V)
Power requirement	9V DC 600mA
Image Resolution	Cam x2: 1080px1 @10fps Cam x2: 720px2 @25fps Cam x4 720px4 @15fps
Lens	3.6mm F2.0
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	16 LEDs / 850nm, 12m
PIR angle (horizontal)	60°
PIR range (25°C)	5m
Weather proof	IP65
Operation temperature	-20~40°C
Camera Housing Material	Aluminum
<b>LCD Monitor</b>	
LCD Panel size	7 Inch
LCD Resolution	1024 RGB (H) x 600 (V)
View Angle	H: 140° V: 110°
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	5V DC 2A

Model: CM840952



CA840



M952

## Features:

### Local side

- 2.4GHz digital wireless technology
- System supports up to 4 cameras, single channel or quad display
- 9" touch screen monitor with auto, manual and schedule recording
- Individually records different channels at the same time
- Pre-recording to ensure catch full event
- PIR + VMD for more reliable motion detection
- Weather proof camera with motion detection and night vision

### Remote side

- P2P solution for simple installation and set up
- Support iOS and Android
- Play back (video and audio) at remote side
- View different channels as local monitor preview
- Push notification

## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	6Mbps
Transmitting Range	300m line of sight
<b>Camera</b>	
Image sensor type	1/2.7" Color FHD CMOS Image sensor
Effective Pixel	1920 (H) x 1080 (V)
Power requirement	9V DC 600mA
Image Resolution	Cam x2: 1080px1 @10fps Cam x2: 720px2 @25fps Cam x4 720px4 @15fps
Lens	3.6mm F2.0
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	16 LEDs / 850nm, 12m
PIR angle (horizontal)	60°
PIR range (25°C)	5m
Weather proof	IP65
Operation temperature	-20~40°C
Camera Housing Material	Aluminum
<b>LCD Monitor</b>	
LCD Panel size	9 Inch
LCD Resolution	1024 RGB (H) x 600 (V)
View Angle	H: 140° V: 110°
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	5V DC 2A

Model: CR8211



## DVR (Optional) Specifications:

## Features:

- 2.4GHz digital wireless, no interference
- High frame rate
- Two RF for independent 2 way output
- Weather proof camera for outdoor use

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	4Mbps
Communication Range	450ft line of sight
<b>Camera</b>	
Image sensor type	1/4" Color VGA CMOS Image sensor
Effective Pixel	640 (H) x 480 (V)
Power requirement	9V DC 600mA
Image Resolution	VGA @ 25 fps
Lens	3.6mm F2.0
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	24 LEDs / 850nm, 15m
PIR angle (horizontal)	NA
PIR range (25°C)	NA
Weather proof	IP66
Operation temperature	-20~40°C
Camera Housing Material	ABS
<b>Receiver</b>	
Output	2*BNC
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	9V DC 600mA



Model: CR832111



CA832



RX111



AHD or CVI DVR (Optional)

## Features:

- Digital wireless, no interference
- High definition (720P)
- High frame rate
- Weather proof camera for outdoor use
- Compatible with AHD or CVI HD DVR

## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	4Mbps
Communication Range	300m line of sight
<b>Camera</b>	
Image sensor type	1/2.9" Color 1.0 Megapixel CMOS Image sensor
Effective Pixel	1280 (H) x 720(V)
Power requirement	9V DC 600mA
Image Resolution	720P @ 15 fps
Lens	3.6mm F2.0
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	24 LEDs / 850nm, 15m
PIR angle (horizontal)	NA
PIR range (25°C)	NA
Weather proof	IP66
Operation temperature	-20~40°C
Camera Housing Material	Aluminum
<b>Receiver</b>	
Output	BNC
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	9V DC 600mA

Model: CR832112 (two camera kit)



CA832



RX112



NVR

## Features:

- Digital wireless, no interference
- High definition (720P)
- High frame rate
- Weather proof camera for outdoor use
- Free ios & Android App.

## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	4Mbps
Communication Range	300m line of sight
<b>Camera</b>	
Image sensor type	1/2.9" Color 1.0 Megapixel CMOS Image sensor
Effective Pixel	1280 (H) x 720 (V)
Power requirement	9V DC 600mA
Image Resolution	720P @ 15 fps
Lens	3.6mm F2.0
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	24 LEDs / 850nm, 15m
PIR angle (horizontal)	NA
PIR range (25°C)	NA
Weather proof	IP66
Operation temperature	-20~40°C
Camera Housing Material	Aluminum
<b>Receiver</b>	
Output	USB
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	NA (get power from NVR)

Model: CR832112 (four camera kit)



CA832



RX112



NVR

## Features:

- Digital wireless, no interference
- High definition (720P)
- High frame rate
- Weather proof camera for outdoor use
- Free ios & Android App.

## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	4Mbps
Communication Range	300m line of sight
<b>Camera</b>	
Image sensor type	1/2.9" Color 1.0 Megapixel CMOS Image sensor
Effective Pixel	1280 (H) x 720(V)
Power requirement	9V DC 600mA
Image Resolution	720P @ 15 fps
Lens	3.6mm F2.0
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	24 LEDs / 850nm, 15m
PIR angle (horizontal)	NA
PIR range (25°C)	NA
Weather proof	IP66
Operation temperature	-20~40°C
Camera Housing Material	Aluminum
<b>Receiver</b>	
Output	USB
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	NA (get power from NVR)



Model: CR850130



CA850



RX130

## Features:

- 1080P resolution
- Wireless DVR support up to 4 channels
- Support mouse
- Manual, auto or schedule record to SD card or HDD
- Weather proof camera with motion detection & night vision
- Free iOS & Android App for remote access from smartphone/tablet
- HDMI & USB output

## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	6Mbps
Transmitting Range	300m line of sight
<b>Camera</b>	
Image sensor type	1/2.7" Color FHD CMOS Image sensor
Effective Pixel	1920 (H) x 1080 (V)
Power requirement	9V DC 600mA
Lens	3.6mm F2.0
Viewing Angle (Diagonal)	70° (FOV)
IR LED / Night Vision Range	24 LEDs / 850nm, 15m
PIR angle (horizontal)	60°
PIR range (25°C)	5m
Weather proof	IP65
Operation temperature	-20~40°C
Camera Housing Material	Aluminum
<b>Wireless DVR</b>	
Output	HDMI & USB
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	12V DC 2A

Model: WF532 / WF692



WF532 (720P camera)



WF692 (720P camera)



## WF532 Features:

- P2P solution for easy setting
- 720P resolution
- Pan & tilt control from remote side
- Video recording and snapshot
- Two way audio
- Motion detection
- Push notification
- Support iOS and Android phone and tablet

## WF692 Features:

- P2P solution for easy setting
- Dual mode working, local or internet mode
- Motion detection
- Video recording and snapshot
- Two way audio
- 6W white LEDs with equivalent output to 60W halogen
- 500 lumens white LED to light your way or for added security
- White LED light comes with manual, motion and timer activation
- Push notification
- Support iOS and Android phone and tablet

## Specifications:

Power supply	DC 5V $\pm$ 5%(WF532); DC 9V $\pm$ 5% (WF692)
Wifi Frequency range	2.412GHz-2.462GHz(channel 1-11)
Wifi Security	WPA
Wifi Standard	IEEE 802.11b/g/n, 1T1R
Video Encode	H.264
Image Sensor Type	1/4" Color CMOS Image Sensor
Transmission distance	80m line of sight
Current Consumption	400mA Max(IR off), 600Ma Max(IR on)
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Storage Temperature	14°F ~ 140°F (-10°C ~ 60°C)

Model: CMD1323



CA130



M230

## Features:

- 2.4 GHz digital wireless technology
- System expandable up to 4 cameras , single display or quad display
- Multiple language selection
- Camera with night vision and sound trigger
- Lullaby and temperature display
- 2 way audio-monitor can talk back to camera
- 2 way control night light
- 2.4" LCD monitor with belt clip
- Digital zoom, pan & tilt
- Camera with clip stand for table edge mounting, also can be desktop stand and wall mounted

## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	2Mbps
Communication Range	150m line of sight
<b>Camera</b>	
Image sensor type	1/6.5" Color CMOS Image sensor
Effective Pixel	640 (H) x 480 (V)
Power requirement	5V DC 1A
Image Resolution	VGA @ 15 fps
Lens	3.0mm F2.0
Viewing Angle (Diagonal)	52° (FOV)
IR LED / Night Vision Range	5m
Operation temperature	-10~40°C
<b>LCD Monitor</b>	
LCD Panel size	2.4 Inch
LCD Resolution	320 RGB (H) x 240 (V)
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	5V DC 1A

Model: CMD1341



CA130



M410

## Features:

- 2.4 GHz digital wireless technology
- System expandable up to 4 cameras , single display or quad display
- Multiple language selection
- Camera with night vision and sound trigger
- Lullaby and temperature display
- 2 way audio-monitor can talk back to camera
- 2 way control night light
- 4.3" LCD monitor with micro SD card recording (support up to 32G)
- Monitor with AV out and USB out-MSN, Skype compatible
- Digital zoom, pan & tilt
- Camera with clip stand for table edge mounting, also can be desktop stand and wall mounted

## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	2Mbps
Communication Range	150m line of sight
<b>Camera</b>	
Image sensor type	1/6.5" Color CMOS Image sensor
Effective Pixel	640 (H) x 480 (V)
Power requirement	5V DC 1A
Image Resolution	VGA @ 15 fps
Lens	3.0mm F2.0
Viewing Angle (Diagonal)	52° (FOV)
IR LED / Night Vision Range	5m
Operation temperature	-10~40°C
<b>LCD Monitor</b>	
LCD Panel size	4.3 Inch
LCD Resolution	480 RGB (H) x 272 (V)
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	5V DC 1.5A



Model: CMD5342



CA530



M420

## Features:

- 4.3" portable LCD monitor
- Pan/Tilt camera
- Record video to SD card
- 2-Way talkback function
- Remote activated night light
- Room temperature display and alerts
- Audio only function
- 3 different baby lullabies
- Single channel or quad display
- Night vision 20 ft
- Digital zoom function for a closer look
- Rechargeable Lithium battery for up to 4.5 hours of portable use
- Extended battery life with Power Save mode
- Secure, long-range digital signal up to 800 ft
- Table top, wall or ceiling mount camera
- Expandable up to 4 cameras

## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	2Mbps
Communication Range	150m line of sight
<b>Camera</b>	
Image sensor type	1/6.5" Color CMOS Image sensor
Effective Pixel	640 (H) x 480 (V)
Power requirement	5V DC 1A
Image Resolution	VGA @ 15 fps
Lens	4.8mm F2.6
Viewing Angle (Diagonal)	52° (FOV)
IR LED / Night Vision Range	5m
Operation temperature	-10~40°C
<b>LCD Monitor</b>	
LCD Panel size	4.3 Inch
LCD Resolution	480 RGB (H) x 272 (V)
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	5V DC 1.5A

Model: CM531723



CA531



M723

## Features:

- 7" portable LCD monitor
- Pan/Tilt camera
- Record video to SD card
- Crystal clear picture with higher frame rate
- 2-Way talkback function
- Remote activated night light
- Room temperature display and alerts
- Audio only function
- 3 different baby lullabies
- Single, two-channel or quad display
- Night vision 20 ft
- Digital zoom function for a closer look
- Rechargeable Lithium battery for up to 2.5 hours of portable use
- Extended battery life with Power Save mode
- Secure, long-range digital signal up to 800 ft
- Table top, wall or ceiling mount camera
- Expandable up to 4 cameras

## Specifications:

Operating Frequency Range	2.400GHz~2.483GHz
TX Power	16dBm (typical)
RX Sensitivity	-81dBm
Type of Spread Spectrum Used	FHSS
Type of Modulation Used	GFSK
Data Rate	2Mbps
Communication Range	150m line of sight
<b>Camera</b>	
Image sensor type	1/4" Color CMOS Image sensor
Effective Pixel	640 (H) x 480 (V)
Power requirement	5V DC 1A
Image Resolution	VGA @ 25 fps
Lens	4.8mm F2.6
Viewing Angle (Diagonal)	52° (FOV)
IR LED / Night Vision Range	5m
Operation temperature	-10~40°C
<b>LCD Monitor</b>	
LCD Panel size	7 Inch
LCD Resolution	800 RGB (H) x 480 (V)
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Operating Humidity	0% ~ 85%
Power requirement	5V DC 2A



TM

**RDI**

RESEARCH DEVELOP INNOVATE



**RDI**

RDI Technology (Shenzhen) Co., Ltd.

Building C1 & C2, Xintang Industrial Park, East Baishixia, Fuyong, Baoan, Shenzhen, P.R.C.  
Tel: +86-755-27333216, 27308306, 316.326.336  
Fax: +86-755-27308799  
Website: [www.rdichina.com](http://www.rdichina.com)  
E-mail: [sales@rdichina.com](mailto:sales@rdichina.com)