

1. Names And Parts

*** DVR**

1. PIR Pairing Button
2. Wi-Fi Switch
3. Continuous Recording/ Motion Detection Recording
4. Vibration Switch
5. Wi-Fi Antenna
6. Default Key
7. Power Switch
8. Camera Lens
9. Power(blue) LED
10. Rec(red) LED
11. Pairing(blue/red) LED
12. Wi-Fi(orange) LED
13. Charging(green) LED
14. IP(light green) LED
15. Battery
16. Memory Card Slot
17. USB Port
18. Reset Key

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* Remote Control

1. Remote charge LED (Green) / Remote Command sent LED
2. DVR Power On LED (Blue)
3. DVR Power On / Off Button
4. DVR Rec LED (Red)
5. DVR Rec On / Off Button
6. DVR Wi-Fi LED (Orange)
7. DVR Wi-Fi On / Off Button
8. Remote Power On (down) / Off (up)
9. Remote Vibration On (down) / Off (up)

2. Package Content

10. Mini USB port
11. Memory card slot

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3. Power Supply

3-1 Plug the micro USB end of cable into ⑰ and plug the other end into a power bank of your choice as power source.

3-2 Plug the micro USB end of cable into ⑰ and plug the other end into a PC or other USB power source as power supply.

3-3 You can also use the extended battery as power source. Connect the extended battery with the control block and charge the battery with USB cable via PC or other USB power source. Once the battery is fully charged, you can remove the USB cable and adopt the battery as the power source.

- Solid green LED ■ - charging.
- Green LED goes off - fully charged.

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4. Operation(DVR only)

4-1 Power on: Switch ⑦ upward to turn on the power.
 4-2 Recording: 40 seconds after device on, it will start to record automatically.
 4-3 Vibration: Switch ④ upward to turn on, or downward to turn off.
 4-4 Wi-Fi: With device powered on, Switch ② upward to turn on, or downward to turn off.
For more information about WiFi/IP connection set up, please refer to WiFi/IP quick guide.

4-5 Power off: Switch ⑦ downward and the previous recording will be saved automatically.
 4-6 Reset: When the device functions abnormally, press ⑱.
 4-7 Restore default Wi-Fi password and SSID: Long press ⑥ for 4 seconds, and release.
 4-8 Restore all default settings: Press ⑥ for 10 seconds, and release.

5. Vibration Alert

Rec On - 1 long vibration
 Snap Shot - 1 long vibration
 Wi-Fi On - 2 short vibration
 Wi-Fi Off - 2 short vibrations
 Power Off - 1 short vibrations

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6. Pair Up The Remote Control

6-1 Power on the device and long press ① on DVR and release the button until you see the blinking blue& red LED. It indicates that the receiver is waiting to be paired up.
 6-2 Turn on the remote control and enable the vibration alert. Press Rec button on the remote control, with the remote control vibrates once and both blue & red LED goes off, the remote is successfully paired up with the DVR.

7. Operation For Remote Control

For Remote Control:
 Power on/off : slide "Pwr" switch downward to power on; upward to power off.
 Turn on/off the vibration :slide "Vib" switch downward to turn on; upward to turn off.
 For DVR:
 Turn on/off : Long press ③ on the remote at least 3 seconds to turn on and off the DVR.
 Recording : Press ⑤ on the remote once to start or stop the recording.
 Wi-Fi : Press ⑦ on the remote once to enable or disable Wi-Fi.

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8. LED Indicators

LED Indicators	Device Status
Solid Blue LED	Device On
Blinking Orange LED	Searching Wi-Fi
Solid Orange LED	Wi-Fi connected
Solid Green LED	Device Charging
Solid Bright Green LED	IP connected
Blinking Red LED	No Memory Card
Red LED Blinking 10 Times	Low Battery
Solid Red LED	Recording on

9. Date And Time Setting

Please refer to the **Synchronize the Time** steps on the **PV Cam Viewer for IP Cam** guide.

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10. Download Files From DVR

Use a memory card reader to transfer files from the memory card to the computer.

*** Warranty will be void if serial number sticker is tampered.**

11. Format Memory Card

There are two ways to format the memory card.
 12-1 Format the card on computer.
 12-2 Insert memory card into the slot. Go to **PV Cam Viewer** App>Setup P2P connection between device and phone> go to **Program Setting** > tap on **Format SD Card**. Then it is done. Note: It is important to format the card when using it for the first time.

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12. Specification

Built-in Camera Module	
Built-in image sensor	1/3" progressive CMOS sensor
Sensor resolution	2304x1536
Sensor sensitivity	3.3 Lux @ F 2.0
Lens F/No.	F 3.2
Focal Length	4mm
Angle of View	66°
Video Spec.	
Algorithm	H.264, JPEG
File Format	MOV, JPG
Video recording mode	Auto/Manual/Motion Detection
Recording Capability	1920x1080, 1280x720, 848x480
Frame rate	Up to 30 fps
Photo Capability (APP)	2M(1920*1080)
WiFi Spec.	
WiFi	Built-in WiFi Module(IEEE 802.11b/g/n)
WiFi Protocol	RTSP
Storage & I/O	
Memory type	Micro SD Card (Support SDHC max=32GB)
Data interface	Mini USB 2.0
Misc.	
Date/Time Table	YYYY/MM/DD, HH:MM:SS
Snapshot	recording and playback video
Power	
Power Input	DC 5V
Power Consumption	450mA-500mA (WiFi OFF)(WiFi ON+60mA)
Standby Consumption	8-8.5mA
Charging Time	240 min(800mA)
Battery Input	DC 3.7V / 2200 mA Lithium battery
Battery Lifetime	180min(1080P / WiFi ON) 210min(1080P / WiFi OFF) 195min(720P / WiFi ON) 225min(720P / WiFi OFF) 210min(WVGA / WiFi ON) 240min(WVGA / WiFi OFF)
Recording time	300min @ 1920x1080 resolution (16GB SD card)

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PV-DY10i

1080p DIY DVR

User Manual

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