1. Names and Parts

1. Power on / Rec / Stop Button
2. Power off Button
3. Wi-Fi on / off Button
4. 5MP Camera
5. Default Key
6. Rear Cover
7. LED indicators
   - Blue - Power
   - Purple - Record
   - Green - Charge
   - Orange - Wi-Fi
   - Light Green - IP connected
8. Reset Key
9. Vibration Switch

2. Package Content

Wi-Fi Quick Guide
Key Fob Camera
Memory Card
Device Quick Guide
USB Cable
Key Ring

3. Vibration Alerts

Power on / off - 1 long vibration
Rec on - 1 long vibration
Wi-Fi on - 1 long vibration
Wi-Fi off - 2 short vibrations
Turn on Wi-Fi while recording - 2 long vibrations
Turn off Wi-Fi while recording- 2 short and 1 long vibration

4. Charge The Battery

10. Mini USB port
11. Memory card slot

Remove the rear cover of the device, plug the micro USB end of cable into ⑩ and plug the other end into the computer or other USB power source. After charging is complete, insert the memory card into ⑪ . Then the device will be ready for further operations.

- Solid green LED ▬ - charging.
- Green LED goes off - fully charged.
Note: Device can't be powered on, if no memory card is inserted into the device.

5. Format Memory Card

There are two ways to format the memory card.
5-1 Format the card on computer.
5-2 Insert memory card into ② . 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.

⚠ Note: To make sure the memory card can be read by the computer, please format the memory card before using it for the first time. Also, please note that formatting on computer is highly not recommended, for it might result in the failure of formatting.

6. Date and Time Setting

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

7. Download Files From DVR

Use a memory card reader to transfer files from the memory card to the computer.
Note: Using the memory card reader is the only way to retrieve the videos and photos from the DVR. The USB cable is for charging only.

8. Operation

8-1 Power on: Press ① once.
8-2 Recording: 40 seconds after device on, it will start recording automatically.
8-3 Vibration: Switch ⑨ to the left to turn off, or right to turn on.
8-4 Wi-Fi: With device powered on, press ③ to turn on/off Wi-Fi. For more information about WiFi/IP connection set up, please refer to WiFi/IP quick guide.
8-5 Power off: With no ongoing recording, press for 3 seconds.
8-6 Reset: When the device functions abnormally, press ⑧ .
8-7 Restore default Wi-Fi password and SSID: Long press ⑤ for 4 seconds, and release.
8-8 Restore to factory settings: Press ⑤ for 10 seconds, and release.

LED Indicators	Device Status
Solid Red LED	Recording on
Blinking Orange LED	Searching Wi-Fi
Solid Orange LED	Wi-Fi connected
Solid Green LED	Device Charging
Solid Bright Green LED	IP connected

9. Rename the device Wi-Fi SSID

To change the default SSID name, right-click on Windows desktop. Creat a Notepad *.txt (text)* file and name it as **setSSID.txt**. Enter your new SSID name on the first line of the file, save it to the root directory of memory card, and insert the card back to the device. Lastly, power on the device. Note: SSID name must be started with PV and followed by 6 ~ 14 characters of numbers or alphabets (e.g. PV123abc).

10. 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(1600*1200)

WiFi Spec.	
WIFI	Built-in WiFi Module(EEE 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 Consuption	450mA-500mA (WIFI OFF)(WIFI ON+60mA)
Charging Time	120 min(560mA)
Battery Input	DC 3.7V / 650 mA high polymers battery
Battery Lifetime	Continue recording 60min(WIFI ON)/70min(WIFI OFF)
Recording time	300min @ 1920x1080 resoultion (16GB SD card)

Physical	
Vibration Alert	Power on/off, Recording, Low battery
Dimension	71x41x16mm
Weight	46g

PV-RC200HDi
1080p Key Fob IP DVR
User Manual

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