

1. Names and Parts

- Power on / Rec / Stop Button
- Power off Button
- Wi-Fi on / off Button
- 5MP Camera
- Default Key
- Rear Cover
- LED indicators
 - Blue - Power
 - Purple - Record
 - Green - Charge
 - Orange - Wi-Fi
 - Light Green - IP connected
- Reset Key
- Vibration Switch

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2. Package Content

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

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

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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.

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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.

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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 |

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9. Rename the device Wi-Fi SSID

To change the default SSID name, right-click on Windows desktop. Create 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).**

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10. Specification

| Built-in Camera Module | |
|-------------------------|---|
| Built-in image sensor | 1/2" 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(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) |
| Charging Time | 120 min(560mA) |
| Battery Input | DC 3.7V / 650 mA high polymers battery |
| Battery Lifetime | Continue recording 50min(WIFI ON)/60min(WIFI OFF) |
| Recording time | 300min @ 1920x1080 resolution (16GB SD card) |
| Physical | |
| Vibration Alert | Power on/off, Recording, Low battery |
| Dimension | 71x41x16mm |
| Weight | 46g |

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PV-RC200HDi

1080p Key Fob IP DVR

User Manual

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