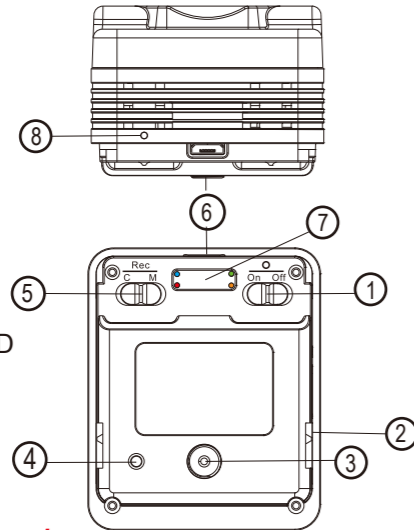


## 1. Name and Parts

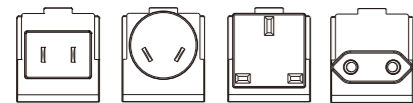
1. Wi-Fi On/Off Switch
2. Memory Card Slot
3. Lens
4. Default Key
5. Continuous/Motion Recording Switch
6. Micro USB Port
7. Power (Blue) LED Record (Red) LED IP (Bright Green) LED Wi-Fi (Orange) LED
8. Microphone



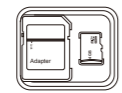
※ No microphones are available for USA market

※ Warranty void if serial number label is tampered.

## 2. Package Content



US/Australia/UK/EU Plugs



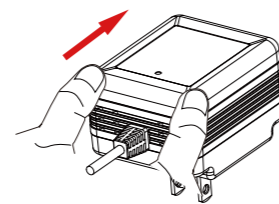
Memory Card



USB Cable

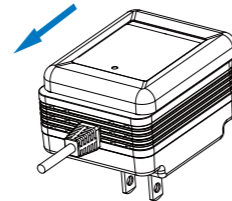
1

## 3. Open the Cover



### Open

With the cable end facing you, push the cover in red arrow direction. The cover will then be opened.

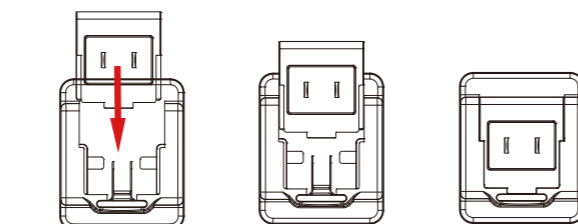


### Put back

Gently push the cover back in blue arrow direction. When you hear a click sound, it means the cover is locked back properly.

## 4. Change Plugs

4.1 Choose the plug you need and slide it into the back of the DVR in red arrow direction (see illustration 1 - 3 below).



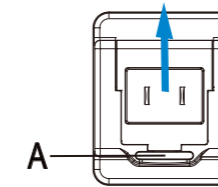
(1)

(2)

(3)

2

4.2 To remove the plug, press and hold the button A and push the plug out in blue arrow direction.



## 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.**

## 6. Operation

**Power on/off:** Plug the DVR into a power socket to power on; unplug it when no recording is on to power off.

**Record:** Please refer to P.5.

**Wi-Fi On/Off:** With device powered on, slide ① to **On**. After 40 secs, a blinking orange LED will be on to indicate Wi-Fi is on. To turn the Wi-Fi off, slide ① to **Off**.

**IP / P2P connection:** Refer to PV Cam viewer for IP Cam Quick Guide. **Note: Switching connections takes 40 seconds of system initialization everytime.**

**Reset:** When device functions abnormally, please unplug it to reset.

3

## 7. Restore Default Settings

7-1 To restore device Wi-Fi password(88888888) & SSID, power on the device and press ④ for 4 seconds.

7-2 To restore all factory settings, do one of the following.

A. Long press ④ for 10 seconds.

B. Launch P2P or IP connection > Go to **Program Setting** on the App > Select **Load Setup Defaults**.

**Note: When operating in IP connection, device and phone should connect to the same domain (same Local Area Network). If not, Load Setup Defaults will fail.**

When all LED lights go off with blue LED light staying on, the settings are restored. Device will restart in 40 secs.

## 8. LED Indicators

- Solid blue ■ - power on
- Solid red ■ - recording on
- Blinking orange ■ - searching for Wi-Fi connection
- Solid orange ■ - device connected to mobile device via Wi-Fi (P2P connection)
- Solid bright green ■ - device connected to a router or local network (IP connection)

## 9. Retrieve Video Footage

9-1 Video files are stored in the memory card.

9-2 Remove the card from DVR and insert it into a card reader or card slot on your PC.

9-3 PC will recognize the card as flash drive and user may retrieve files from the drive.

**Note: Video files will be named as V+year+month+time; e.g. V20161125131123**

4

## 10. Continuous / Motion Detection Recording

10.1 Make sure the device is powered off.

10.2 For continuous recording, slide ⑤ to letter C.

For motion detection recording, slide ⑤ to letter M.

10.3 Power on the device. 10 secs after, it will start to record.

You could also change the recording mode on the APP.

10.4 We provide 3 recording resolutions (1080p / 720p / WVGA); 3 motion detection sensitivity options (High / Medium / Low); 3 motion detection recording segments (1 / 3 / 5 mins).

## 11. Date and time setting (for Windows system)

11.1. From the desktop right-click to open Notepad, create a text file named **settime.txt**

11.2. On the first line of the file, enter date and time information as year.month.day hours.minutes.seconds For example, suppose the time is October 16, 2016 15:00. Then enter 2016.10.16 15:00:00

11.3. Save the file to the root directory of the memory card.

11.4. Insert the memory card into the slot, and power on the device. The date and time setting is now completed.

**Note: When the date and time setting is completed. The settime.txt file will not be visible when you connect the device to the computer again.**

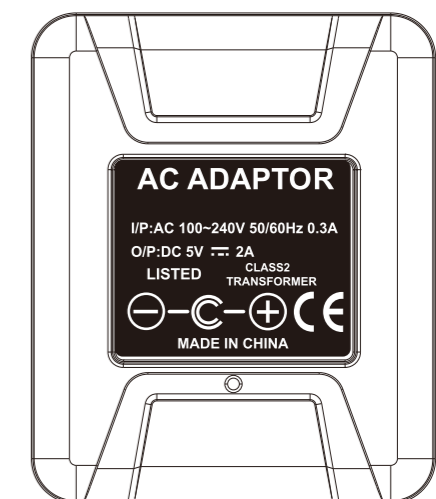
5

## 12. Specification

Built in Image Sensor	1/2.9" progressive CMOS sensor
Sensor Resolution	2000x1121
Sensor Sensitivity	0.03 Lux @ F 2.0
Lens F/No.	F2.0
Focal Length	4.3mm
Angle of view	78°
Algorithm	H.264, JPEG
File Format	MOV, JPG
Video Recording mode	Auto/Manual/Motion Detection
Recording Capability	1920x1080/1280x720/848x480
Frame Rate	Up to 30fps
Photo Capability	2M(1600x1200)
Wifi	Built-in WiFi Module(IEEE 802.11b/g/n)
Memory type	Micro SD Card (Support SDHC max=32GB)
Data interface	Mini USB 2.0
Date/Time Table	YYYY/MM/DD, HH:MM:SS
Power Input	AC 100-240V
Recording Time	500 mins @ 1080p (16G SD Card)
Weight	97g
Dimension	63x52x40mm

6

## PV-AC20uni 1080p Wi-Fi & IP Universal Charger DVR Quick Guide



LawMate, innovation never stops

**LawMate**®