1. Name and Parts

Off ◄► On   FHD ◄► HD   Rec ◄► Photo

On ◄ ► Off
Over Write

1. Power switch
2. FHD/HD switch
3. Record/Photo switch
4. Power LED (Blue)
5. Charging LED (Green)
6. Record/Photo LED (Red)
7. Lens
8. PIR sensor
9. USB port
10. Memory card
11. Format button
12. Overwrite switch
13. Microphone
14. Battery tray
15. Battery holder
16. Tenon joint

*No microphones are available for USA market.

2. Package Content

PV-SK10FHD
1080P Power Socket Covert DVR
Motion Detection Recording

Quick guide   **Memory card**   **Beige front case**

3.7V Li-ion BATTERY
BA-PV900

Battery   **Cleaning accessary**   **White front case**

Battery charging dock   **USB cable**
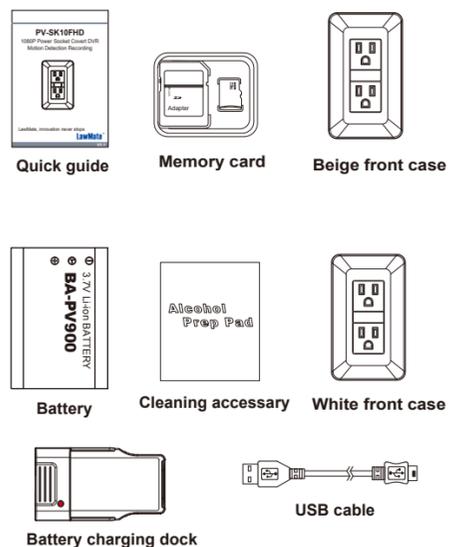
3. Removing the Front Case
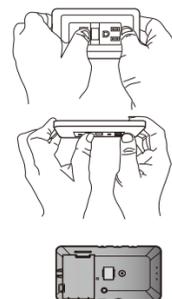
1. Hold the device with the front case facing toward you and the lens at your right hand side.
2. Right hand: Place your thumb on the front case and use other fingers to hold the back of device.
3. Left hand: Place your thumb on the left side of the socket and use other fingers to hold the edge of the front case.
4. Use your left thumb to gently press the socket and at the same time use other fingers to pull the edge out of the base unit.

4. Charging the Battery
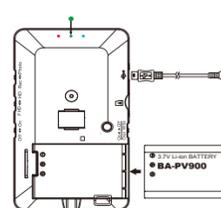
1. Turn off the device and insert the battery.
2. Connect the device to PC via USB cable.
3. When the battery is fully charged, the green LED will go off.

5. Format Memory Card
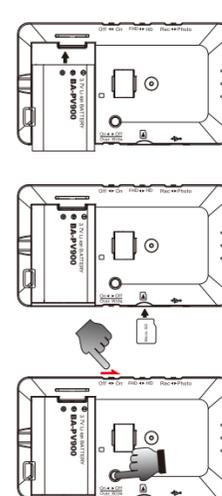
1. Insert the battery into battery tray.

2. Insert the memory card as shown in the illustration.

3. Press and hold format ⑪ ,then power on the device. The red LED flashes when the memory card is being formatted. The red LED goes off when memory card format is completed.

6. Installation

1. Clean the backside surface of the device before applying the double-side adhesive tape.
2. Clean the area of the wall you intend to install the device, peel off the film from double-side adhesive tape on the device and then paste the device onto the wall.
3. Under standby status the battery can last about 5-6 days.
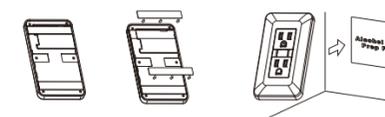
7. Operation

1. Remove the front case from the wall.
2. Place your fingers on top and bottom edge of the unit to remove the front case from the device.
3. Power on the device and put back the front case.
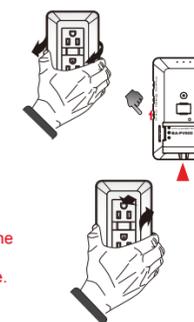
※Make sure the tenon joint on the left side of device is properly assembled with the front case.

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8. Setting

1. Select operation mode by sliding Photo/Rec switch into place.
   1.1 Video: Whenever the PIR sensor is triggered, the DVR automatically starts recording. Please note the length of video varies from 5 seconds to 2 minutes depending on the movement detection.
   1.2 Photo: The device takes 3 photos whenever the PIR sensor is triggered.

2. Resolution setting by sliding FHD/HD switch into place.
   2.1 Video resolution: FHD(1920X1080@30fps)
                          HD(1280X720@30fps)
   2.2 Photo resolution: 5MP(2592X1944 .JPG)

3. LED indicator
   3.1 Blue(Power): Blue indicator lights on when the device is powered on.
   3.2 Red(Rec): Red indicator lights on when recording video or taking photo.
   3.3 Green(Charge): Green indicator lights on when charging; turns off when battery is fully charged.

9. Download Videos and Photos from DVR

1. Video and photo files are stored on the memory card.
2. There are two ways to download video/photo files.
   2.1 Use memory card reader to download video/photo files.
   2.2 With the device powered on and memory card inserted, connect the device to PC by USB connection. It will be recognized by PC as an external drive for user to download the video recordings and photo files.

10. Date and time setting (for Windows)

1. Right-click on Windows desktop. Choose Notepad to create a *.txt (text) file. Then double-click the text file.
2. Suppose current time is April 11, 2018 15:00. Enter date and time information as 2018.04.11 15:00:00 Note that a space must be present in between date and hour and time must be 24-hour format.
3. Save file name as settime.txt to the root directory of the memory card.
4. Insert the memory card to the slot then power on the device. The date and time setting is now completed.
5. Please note when the date and time information is successful set to the deivce the settime.txt file should not be visible when you connect the device to the computer again.

PIR Sensor Illustration

1.Detection Range

TOP VIEW

SIDE VIEW
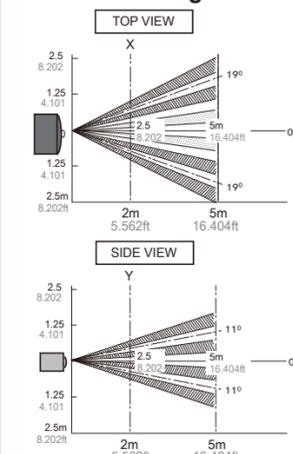
2.Detection Concerns

They may fail to successfully detect if a heat source other than a human being is detected or if there are no temperature changes in or movement of a heat source. Care must generally be taken in the following cases. The performance and reliability of the sensors must be checked out under conditions of actual use.

<1> Cases where a heat source other than a human being is detected.
   (1) When a small animal enters the detection range.
   (2) When the sensor is directly exposed to sunlight, a vehicle's headlights, an incandescent light or some other source or far infrared rays.
   (3) When the temperature inside the detection range has changed suddenly due to the entry of cold or warm air from an air-conditioning or heating unit, water vapor from a humidifier, etc.

<2> Cases where it is difficult to detect the heat source.
   (1) When an object made of glass acrylic or other subject which far infrared rays have difficult passing through is located between the sensor and what is to be detected.
   (2) When the heat source inside the detection range hardly moves or when is moves at high speed.

3.Installation Suggestion

Definition:
O - the height of object
H - the height of sensor from the ground
D - the distance between object and sensor
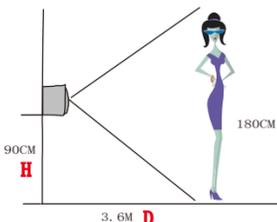
Formula:
$H - O / 2$
$D - O \times 2$

180CM O
90CM H
3.6M D

For example: To film a man at 180cm height in the video, the sensor should be placed at 90cm height above the ground and the man is 3.6m away from the sensor.

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
Recording Capability	1920x1080, 1280x720
Frame Rate	Up to 30 fps
Photo Capability	5M

Storage & I/O	
Memory Type	Micro SD Card (Support SDHC max. 32GB/SDXC max.64GB)
Data Interface	Mini USB 2.0

Misc.	
Date/Time Table	YYYY.MM.DD, HH:MM:SS

Power	
Power Input	DC 5V
Power Consumption	300mA-380mA
Standby Consumption	About 6.5mA
Standby Time	6.5 days
Battery Input	DC 3.7V / 1100mA polymers battery
Charging Time	240min(310-340mA)

PV-SK

Power Sock
Motion Detec

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