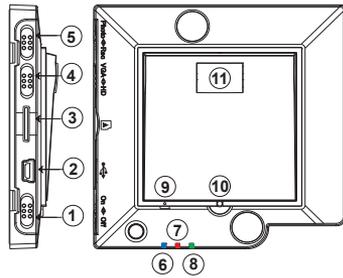


## Name and Parts

- Power switch
- USB port
- MicroSD card slot
- VGA/HD switch
- Record/Photo switch
- Power LED
- Record/Photo LED
- Charge LED
- Microphone
- Camera
- PIR sensor



## Package Content



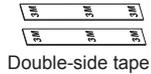
USB cable



European adapter



Charger



Double-side tape



MicroSD card (4GB)

(1)

## Removing the front case

Place the unit on a flat surface with the PIR sensor facing upwards. Place your fingers on top and bottom edge of the unit, with another hand to gently press the fake switch to remove the front case from the device.



## Charging the battery

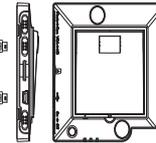
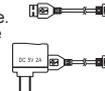
### Regular charging

- Connect the charger to a wall outlet.
- Connect the charger to the device. When the battery is fully charged the green indicator goes out.

### USB charging

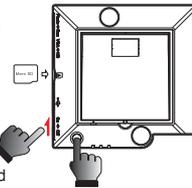
You can use USB charging when a wall outlet is not available.

- Connect a compatible USB device to the DVR using the supplied USB cable.
- The green indicator lights on when the device is being charged and goes out when battery is fully charged.



## Insert the memory card

- Insert a compatible memory card in the slot. Ensure that the contact area on the card is facing down and towards the slot.
- Push the card in. You can hear a click when the card locks into place.



## Format the memory card

- Press and hold the round shape format button then power on the device.
- The red indicator will flash when the memory card is being formatted. The red light will go out when memory card format completed.

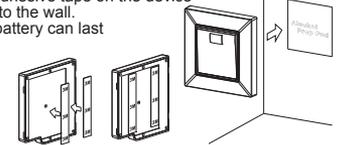
(2)

## Setting

- Select operation mode by sliding Photo/Rec switch to place.
  - 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.
  - Photo: The device takes 3 photos whenever the PIR sensor is triggered.
- Resolution setting by sliding VGA/HD switch to place.
  - Video resolution: VGA(640X480@30fps) HD(1280X720@30fps)
  - Photo resolution: 2MP (1600X1200 .JPG)
- LED indicator
  - Blue(Power): Blue indicator lights on when the device is powered on.
  - Red(Rec): Red indicator lights on when recording video or taking photo.
  - Green(Charge): Green indicator lights on when charging and goes out when battery is fully charged.

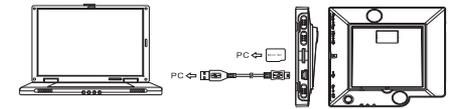
## Installation

- Clean the backside surface of the device before applying the double-side adhesive tape.
- Clean the area of the wall you intend to install the device, peel the film from double-side adhesive tape on the device then pasting the device onto the wall.
- Standby status the battery can last about 5-6 days.



## Retrieving video footage from DVR

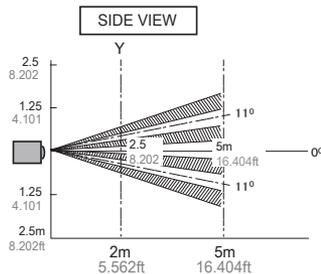
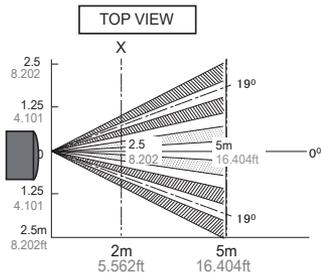
- Video file is stored in the memory card.
- There are two methods to retrieve video files.
  - Using USB cable to connect to computer.
  - Using memory card reader to read and write folder directory
- Computer detects the storage and user may browse and operate the storage as typical folder directory.



(3)

## PIR Sensor Illustration

### 1.Detection Range



### 2.Detection concerns

They may fail to detect successfully 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.

(4)

<1>Cases where a heat source other than a human being is detected

- When a small animal enters the detection range.
- When the sensor is directly exposed to sunlight, a vehicle's headlights, an incandescent light or some other source or far infrared rays.
- 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.

- 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.
- When the heat source inside the detection range hardly moves or when it moves at high speed.

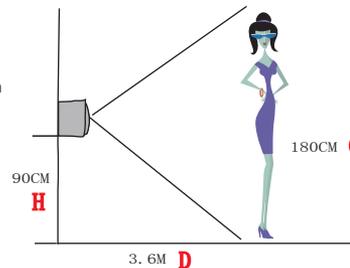
### 3.Installation Suggestion

#### Definition:

O - the height of object  
H - the height of sensor from the ground  
D - the distance between object and sensor

#### Formula:

$H = O / 2$   
 $D = O \times 2$



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.

(5)

## DVR253

### Wall Switch DVR Quick Guide

