Smoke Detector Motion Detection Camera User manual

- Motion Sensor
- Infrared LED light
- LDR
- Pinhole Lens
- DC 5V
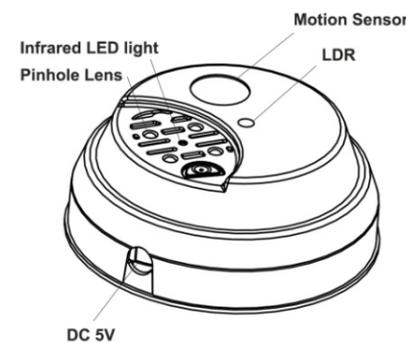
Installation:

A. Open the Cover, Install the top cover on the ceiling.
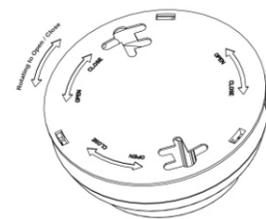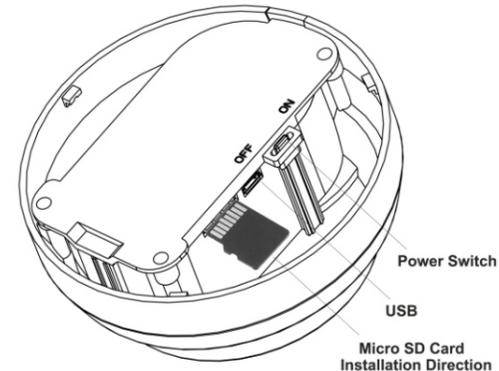

Open or Close the top cover by rotating.

Install the top cover to ceiling with screw, please check the direction.

Install the top cover to ceiling with screw

B. Install the Micro SD card to card slot, Move the Power Switch to ON.

- Power Switch
- USB
- Micro SD Card Installation Direction

Now the camera start working, the RED LED will flashing in 5 seconds then turn off, (please check if the Red or Yellow LED light continue flashing, mean the system have problem, please check the memory card is full or not installed well.)

Push it up to the top cover and rotating it to fit together by the undercut.
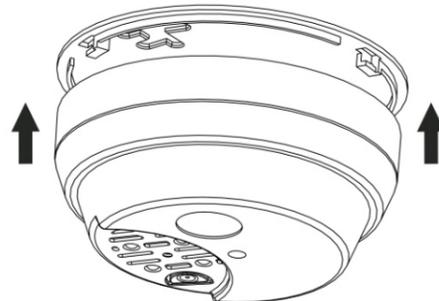
Now, Installation finished, it will still shot 3 pictures and records 20 seconds video when motion sensor triggered.

NOTE: the still shot and recording parameters can be programmable. the default settings is optimized, you can ignore it if no special demand.

Connect with power supply:

This camera support connect with extra power supply or power bank for long standby time.

Playback:

A. Read by SD Card Reader: Just disassemble the device from top cover, move the power switch to off, takeout the micro SD card and read it via micro SD card reader through computers.

B. Read By Computer Directly: disassemble the device from top cover, move the power switch to off, then connect it to computer via USB cable, and move the power switch at ON side, the computer will recognize and pop up a removable disk logo. Open it up and there will be files for "config.dat" and DCIM folder, all the videos and pictures saved in "DCIM" folder, double click it to view or download to computer.

Setting System Parameters:

Create the file: First time user you need move the power switch to ON side(you need connect power supply or installed with battery). It will automatic create a "config.dat" file on SD card root folder

Edit the file: connect it to computer via USB cable, and move the power switch at ON side, the computer will recognize and pop up a removable disk logo. Open it up and there will be files for "config.dat" and DCIM folder, double click "config.dat" to edit. The default content as below:

```
[CFG]
UPDATA=0
MODE=1
PICTURE_RESOLUTION=1
STILL_SHOT_NUM=3
VIDEO_RESOLUTION=3
RECORDING_TIME=1
DATETIME_STAMP=1
CAM_NAME=Name
PIR_DISTANCE=2
RESPOND_INTERVAL=3
DATETIME_FORMAT=1
DATETIME=2017/01/01 00:01:53
CYCLE_WRITE=1
AUDIO=0
POWER FREQUENCY=1
```

Command descriptions:

UPDATA=0: system update enable or disable; value could be 0 or 1, 1 for enable, 0 for disable, must change the value to 1 before update parameters, when system update finished this value will automatic change to 0.

MODE=1: Setting Camera mode, value could be 1 or 2; 1 for capture pictures and recording videos together, 2 for take pictures only, the default value is 1

PICTURE_RESOLUTION=1: Setting picture resolution: value could be 1 or 2 or 3, 1 for 5 mega pixel, 2 for 8 mega pixel, 3 for 12 mega pixel, the default value is 1

STILL_SHOT_NUM=3: Setting capture picture numeric, value could be 1 or 2 or 3, 1 for one picture, 2 for two pictures, 3 for three pictures - the default value is 3

VIDEO_RESOLUTION=3: Setting record video resolution: value could be 1 or 2 or 3, 1 for VGA, 2 for 720P, 3 for 1080P - the default value is 3

RECORDING_TIME=2: Setting video recording time, value could be 1 or 2 or 3, 1 for 10 seconds, 2 for 20 seconds, 3 for 60 seconds, the default value is 2

DATETIME_STAMP=1: Setting date time stamp, value could be 1 or 0, 1 for enable, 0 for disable. The default value is 1

CAM_NAME=Name: Setting camera name, could be any numerical or words less than 8 characters

PIR_DISTANCE=2: Setting motion sensor detect range, value could be 1, 2 or 3, 1 for 5~7 meters, 2 for 8~10 meters, 3 for 11~13 meters, the default value is 2

RESPOND_INTERVAL=3: Setting motion sensor response time, value could be 1, 2 or 3, 1 for 5~10 seconds, 2 for 20~30 seconds, 3 for 30~50 seconds, the default value is 3.

DATETIME_FORMAT=1: Setting data and time format; value could be 1, 2 or 3, 1 for Year/Month/Date, 2 for Date/Month/Year, 3 for Month/Date/Year, the default value is 1

DATETIME=2017/06/22 13:27:52: Setting the data and time, format: "Year. Month. Day. Hours: minutes: seconds, manually edit the time/date to be correct

CYCLE_WRITE=1: Enable or disable Loop recording: value could be 0 or 1, 0 for disable, 1 for enable, the default value is 1

AUDIO=0: Enable or Disable microphone, value could be 1 or 0, setting it to 0 will disable microphone, the default value is 0

POWER FREQUENCY=1: Setting the power frequency for different country, value could be 1 or 2, 1 for 50Hz, 2 for 60Hz, the default value is 1

After adjust the parameters, save "config.dat" file, unplug it from computer, and move the camera power switch to off side.

Updating the parameters: connect the camera to power supply or installed with battery, move the power switch at "ON" side, the system will power on and turn on red & blue LED light, after 5~8 seconds will flashing blue light for 5-10 seconds then turn off, update finished(total updated time about 20 seconds).

No	Parameters
View Angle	Diagonal - DISTORTION 90° / Horizontal - DISTORTION 85°
Sensor / Lens	CCI Progressive Scan CMOS ;1/3" lens; f=3.1mm, F=2.0
Video Resolution	1920*1080 / 1080*720 / 720*480(optional)
Video Rate	30fps
Video Code	H.264 Codex
Picture Resolution	5Mega pixel; 8Mega pixel
PIR Angle	Horizontal Angle: 120 degree
PIR Range	Detection range: 12 meters
IR LEDs	4 Piece 940nm IR LED / Power: 1 watt / Angle: 60 degree
IR LED Range	12 ~ 15 meters
Day & Night switching	Infrared dual-filter automatically switches
Power adapter	5V 2A
Memory	Max 128GB (Not Included)
Interface type	USB
Supporting system	Windows me/2000/xp/2003/vista/win7/win8,Mac 10.4,Linux

Troubleshooting:
When the storage space is insufficient, or the device on halt, the yellow light will flashing quickly, If you want to continue to use this recorder, delete the files or change a memory card, the device will working back.

Note:
A. First time use please charging it over 12 hours, after it need charging every month if without power supply.

B. If can't open the U disk, please format it via PC.

C. If Yellow or Red LED continue flashing, SD card may installed Error, please reinstall the memory card.

D. If battery is low, the system will only still shot, no video recording till the battery used up.

Warning:
Application: Please strictly abide relevant regulations and laws. This product should not be used for any illegal purposes. The user is fully responsible for its use.

Battery: If this product has not been used in a long period of time, you will need to fully charge it before using.

Operating temperature: 0 – 40 degree.

Operating humidity: 20% - 80%, this product is not waterproof so don not get it wet or use it in a humid environment.

Other matters: Do not use this product in strong magnetic or strong electric powered environments.