DVR

90

20

40

Unit : mm (± 0.5)

Feature ■

- TV out : live & playback
- RTC(real-time clock)
- Normal REC
- Loop overwrite REC
- Motion detect REC
- capture picture
- Micro SDHC card slot (support up to 32GB)

Specification

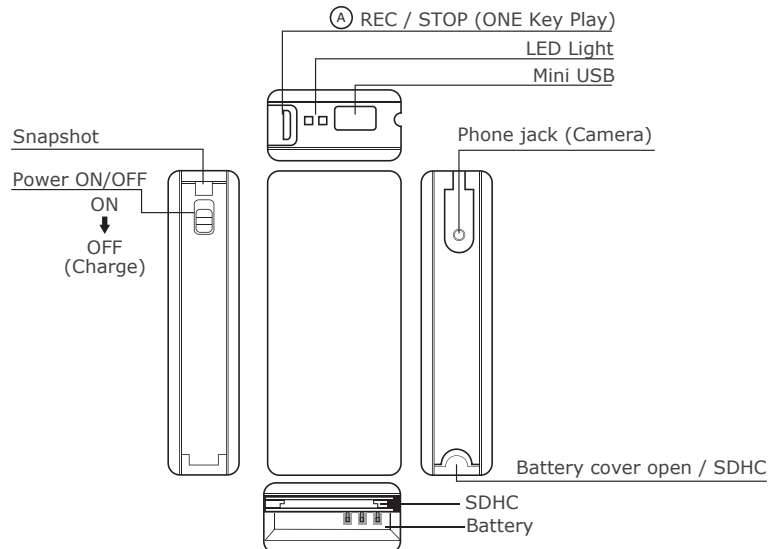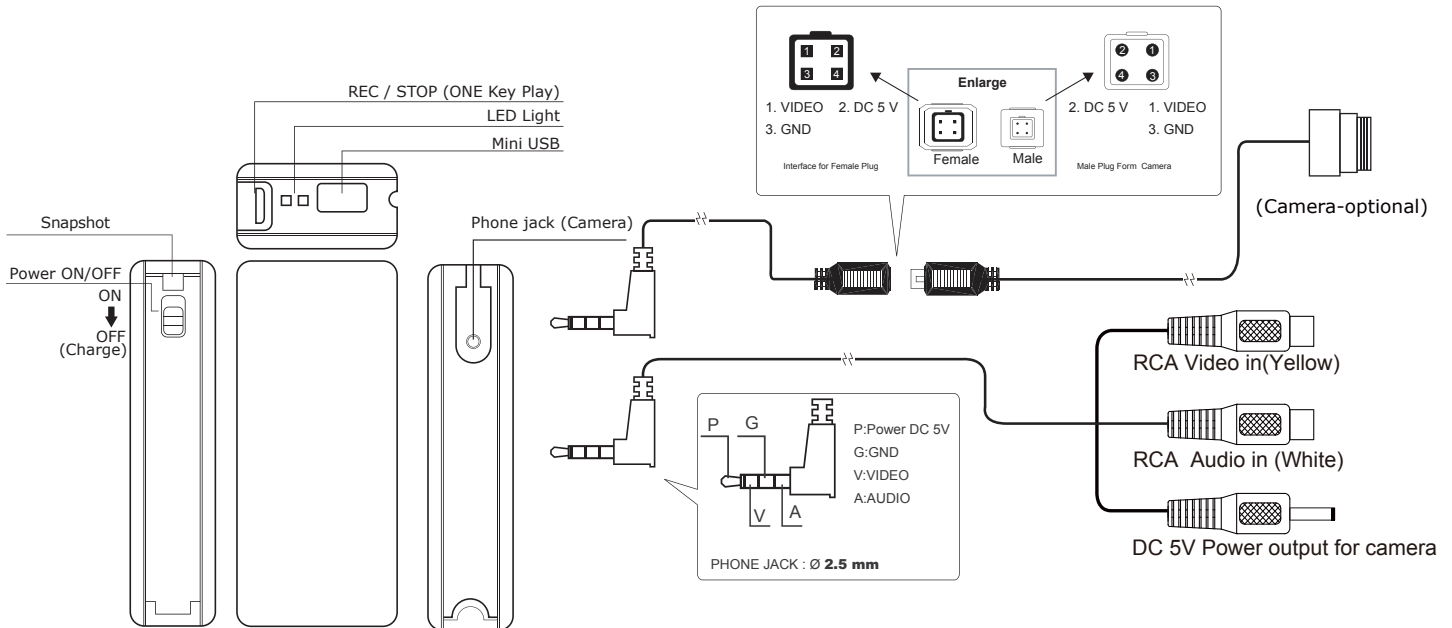| Model	MP-550
AV recorder resolution	640x480(VGA) / max 30 fps.
External Memory	SD Card memory slot (support up to 32 GB)
Compression	MPEG 4 ASF file
Video	Synchronized audio & video recording/ playback
Video Output	TV out /AV in (NTSC/PAL)
Function	AV In Mode , Rec Mode , SD card Update , Snapshot , motion detect , loop overwrite , RTC date and time stamping
Power charge	DC 5V(450mA)
Battery	Li-ion battery ,NP-60 (1030mAh)
PC Interface	USB1.1
Dimension	40 x 90 mm

▲ MP-550

Format SDHC

Improve the SD SDHC Card 4GB ~32GB compatibility MP-550 support for SDHC, SDHC card(OVER 4GB~32GB)
must be special format processing ! through the pc to format SDHC Card Fat32 block size 16k
WINDOWS SYSTEM
1.Click [Start],
process:
2.then click the [running] 'button',
3. [Open] box, type: "diskmgmt.msc", and then click [OK],
then Right-click on SDHC CARD DISK and format block size 16 or 32K

MP-550 MAIN DEVICE

Ⓐ REC / STOP (ONE Key Play)
LED Light
Mini USB

Snapshot

Power ON/OFF
ON
↓
OFF
(Charge)

Phone jack (Camera)

Battery cover open / SDHC

SDHC
Battery

By connecting with an external video sensor,it can record the video
(MPEG 4 ASF file , 640x480(VGA) / max 30 fps. & Snapshot JPG image)

REC / STOP (ONE Key Play)
LED Light
Mini USB

Snapshot

Power ON/OFF
ON
OFF
(Charge)

Phone jack (Camera)

Enlarge

1. VIDEO   2. DC 5 V
3. GND
Interface for Female Plug

Female   Male

2. DC 5 V   1. VIDEO
3. GND
Male Plug Form Camera

(Camera-optional)

P:Power DC 5V
G:GND
V:VIDEO
A:AUDIO

P   G

V   A

PHONE JACK : Ø **2.5 mm**

RCA Video in(Yellow)

RCA Audio in (White)

DC 5V Power output for camera

Setting

a.You can set any funtion what you want by this way
b.SD connected computer and add folder "MISC"
c.After open "MISC" folder and then add TXT file "SYSCFG.TXT" and type:
(Changing the TXT file to start what you need system)

```
[COMMON]
DATE=2010-04-26 ·············································· Date=year-month-date
TIME=09:25 ························································· time=Minutes:seconds
// NTSC/60, PAL/50
SENSORTYPE=NTSC ································· NTSC or PAL
TVTYPE=NTSC ········································· NTSC or PAL
TVFREQHz=60 ········································· NTSC=60 or PAL=50
RESET=0
[DVINFO]//60, 50
SENSORFREQHz=60 ······························· NTSC=60 or PAL=50
// NORMAL, CYCLE, MOTION, MOTION_CYCLE
DVRECTYPE=NORMAL ························· NORMAL, CYCLE, MOTION, MOTION_CYCLE
DVRECTIMEBAR=YES ························· YES or NO
[DSCINFO]
#END
```
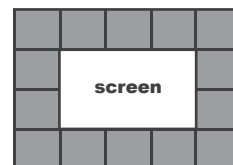
● **NORMAL MODE:** Recording ,the SHDC card will save video file in every **30 minutes**
until card menory full

● **CYCLE MODE:** Recording ,the SHDC card will save video file in every **30 minutes** .
If the menory card full, the video file will be overwrite in automatically

● **MOTION MODE:** When motion trigger started the SHDC card will save video file in
every **30 sec.** until card menory full

● **MOTION_CYCLE MODE:** When motion trigger started the SHDC card will save video
file in every **30 sec.**.If the menory card full, the video file will be overwrite in automatically

Boot after waiting for about 10 ~ 15 sec and off power, The system will read and
delete the configuration file

(do not perform other operations, will lead to a configuration parameter can not be saved)
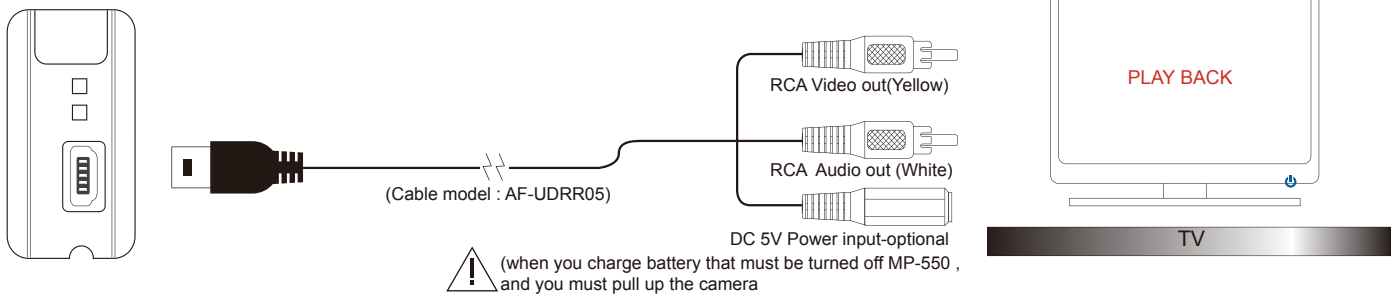
Motion Detect Area

screen

⚠ Motion Detect Area must be detected by
around of screen
Motion detect and
have to 4 GB SD card or more than 4GB SD card.

Link With Other Equipments

1.Output to TV screen
a. AV cable connect MP-550 that will preview mode.

RCA Video out(Yellow)

RCA Audio out (White)

PLAY BACK

TV

(Cable model : AF-UDRR05)

DC 5V Power input-optional

⚠ (when you charge battery that must be turned off MP-550 , and you must pull up the camera

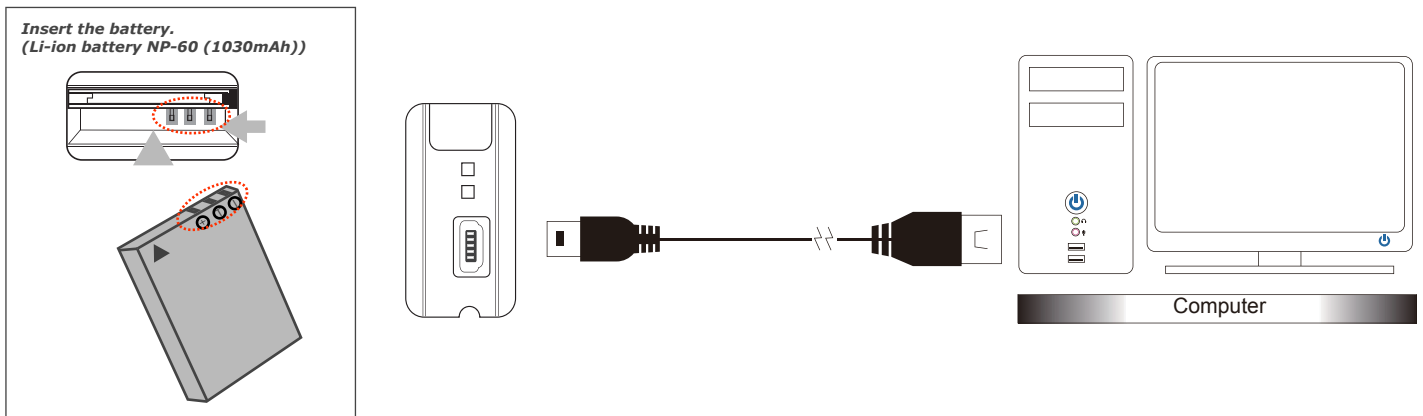# 2.Connect to PC
a. After power on ,USB cable connected MP-550 ,that will into USB Mass Storage Device

3.Power charge
a. USB cable support PC transmission function and support power charge
   (when you charge battery that must be turned off MP-550 , and you must pull up
   the camera)

   ● Battery Charging ,the mp-550 red indicator light will lighten

Insert the battery.
(Li-ion battery NP-60 (1030mAh))

Computer

Other infornation

CCIQ II Helmet Camera + Mini simple DVR
ST-3501 + MP-550

ST-3501
1/4" Color CCIQ II Helmet Camera
316K(NTSC & PAL)
400 TV Lines
3.9mm/F2.8

ST-3501

MP-550