Spy Phone & Chess Royal System

User's Manual

Phone Model: Original Samsung S7 Spec.

BODY

Dimensions   142.4 x 69.6 x 7.9 mm (5.61 x 2.74 x 0.31 in)

Weight   152 g (5.36 oz)

Build   Glass front (Gorilla Glass 5), glass back (Gorilla Glass 5), aluminum frame

SIM   Single SIM (Nano-SIM)

Samsung Pay (Visa, MasterCard certified)
IP68 dust/water resistant (up to 1.5m for 30 mins)
Stylus (Bluetooth integration)

DISPLAY

Type   Super AMOLED capacitive touchscreen, 16M colors

Size   5.1 inches, 71.5 cm^2 (~72.1% screen-to-body ratio)

Resolution   1440 x 2560 pixels, 16:9 ratio (~577 ppi density)

Protection   Corning Gorilla Glass 5, HDR10, Always-on display

PLATFORM

OS   Android 6.0 (Marshmallow), upgradable to Android 8.0 (Oreo), TouchWiz UI

Chipset   Exynos 8890 Octa (14 nm)

CPU   Octa-core (4x2.3 GHz Mongoose & 4x1.6 GHz Cortex-A53)

GPU   Mali-T880 MP12

MEMORY

Card slot   microSDXC (uses shared SIM slot), super up to 256GB

Internal   32GB 4GB RAM

MAIN CAMERA

12 MP, f/1.7, 26mm (wide), 1/2.55", 1.4µm, Dual Pixel PDAF, OIS Features

LED flash, auto-HDR, panorama

Video 2160p@60fps (no OIS/EIS), 2160p@30fps, 1080p@30/60/240fps, 720p@960fps, HDR, dual-video rec., stereo sound rec., gyro-EIS & OIS

SELFIE CAMERA (Changed to the side view)

Single   5 MP, f/1.7, 22mm (wide), 1/4.1", 1.34µm

Features   Dual video call, Auto-HDR, Video   1440p@30fps

SOUND

Loudspeaker   Yes, with stereo speakers

3.5mm jack   Yes,   32-bit/384kHz audio

COMMS

WLAN   Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, hotspot

Bluetooth   5.0, A2DP, LE, aptX

GPS   Yes, with A-GPS, GLONASS, BDS, GALILEO

USB   3.1, Type-C 1.0 reversible connector

BATTERY Non-removable Li-Ion 4000 mAh battery, Qi/PMA wireless charging

NETWORK

2G bands   GSM 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2 (dual-SIM model only)

CDMA 800 / 1900 - USA

3G bands   HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100

CDMA2000 1xEV-DO - USA

4G bands   LTE band 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 7(2600), 8 (900), 12(700), 13(700), 17(700), 18(800), 19(800), 20(800), 25(1900), 26(850), 28 (700), 32(1500), 38(2600), 39(1900), 40(2300), 41(2500), 66(1700/2100), 71(600)

#For more spec details please refer the official Samsung Mobile website

-Change the front camera to at top side instead

-Pre-install the powerful special designed APP software to work with

-Main function of this APP

1. Under-Cover Record task on-site

2. Remote control function

3. Real time streaming video transmission (Optional, Not Available in this version)

-All original phone's functions and operation remain fully the same.

-For the further phone's normal function information you may refer the user guide link below as well:

https://www.dropbox.com/s/xif0y5r24nidpll/ Samsung_Galaxy_Note9_User_manual.pdf?dl=0

Front Camera been cnaged toward the side location

The original front camera has to be chanaged toward up to the side

Quick Step 1_How to Record

◎ Quick Mode: Quick start/stop record
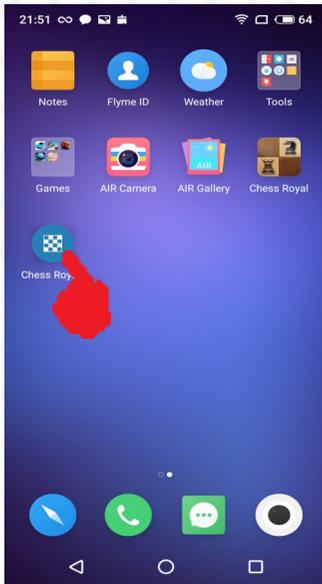
◎ Auto Mode: Has to open this feature on setting
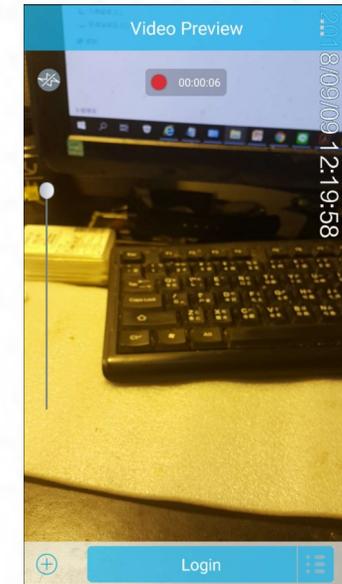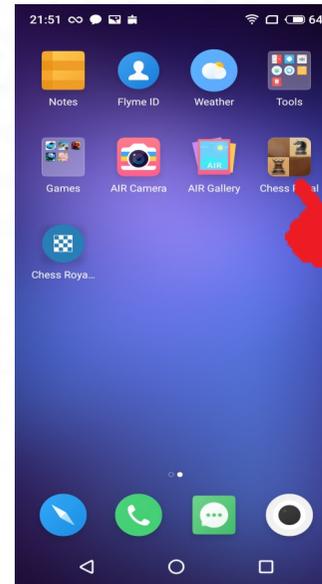
◎ Manual Mode
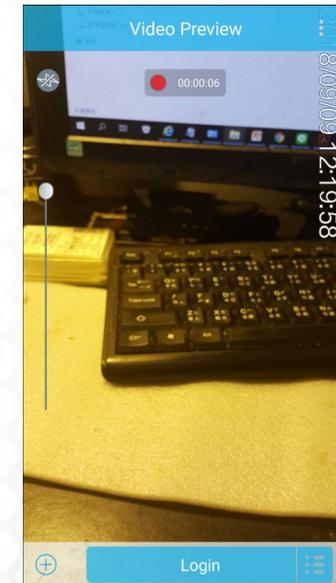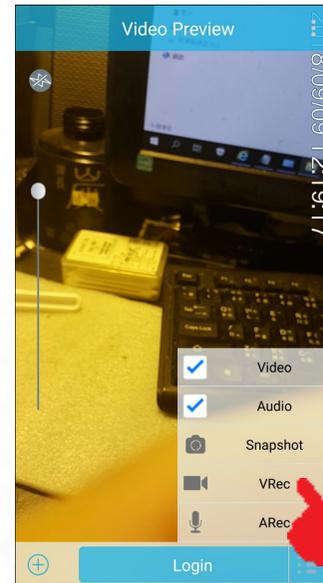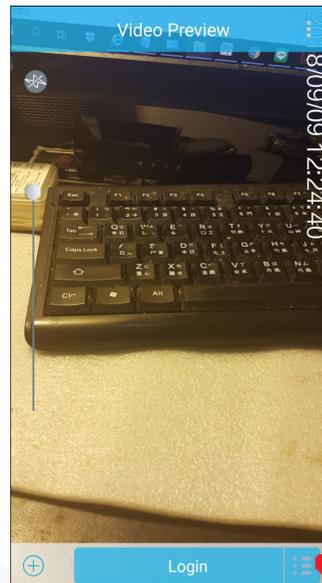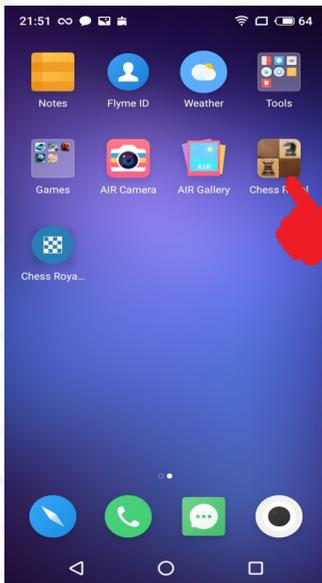
◎ ▢How to Switch the auto & manual Modes
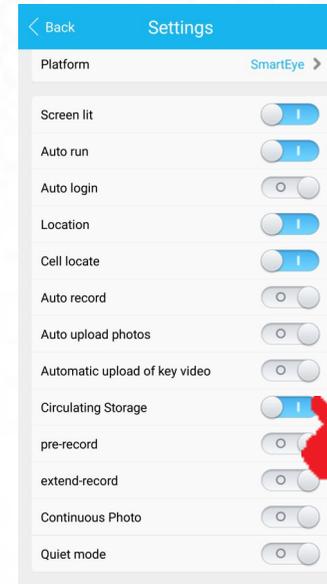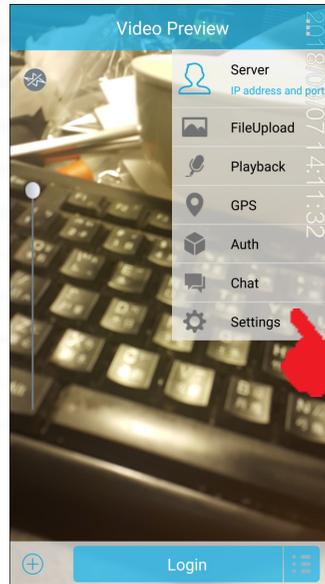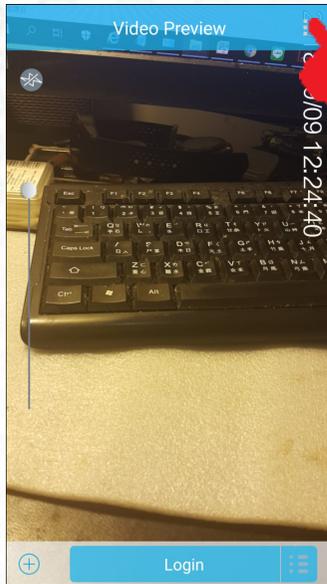
◎ ▢You can do anything on the phone as normal during recording

Play any other APP   Lock the Screen   Taking a phone call
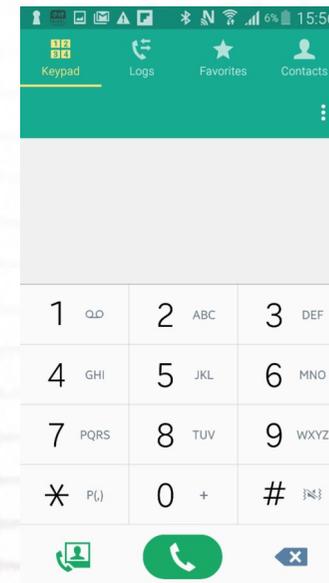
Quick Step 2_How to Record use Volume key

◎ Hotkey instant mode
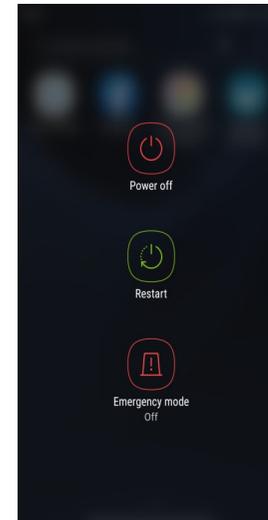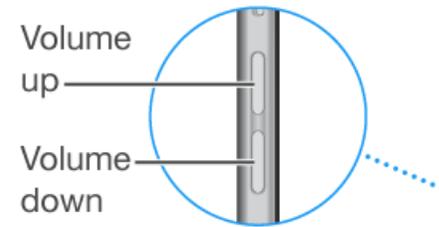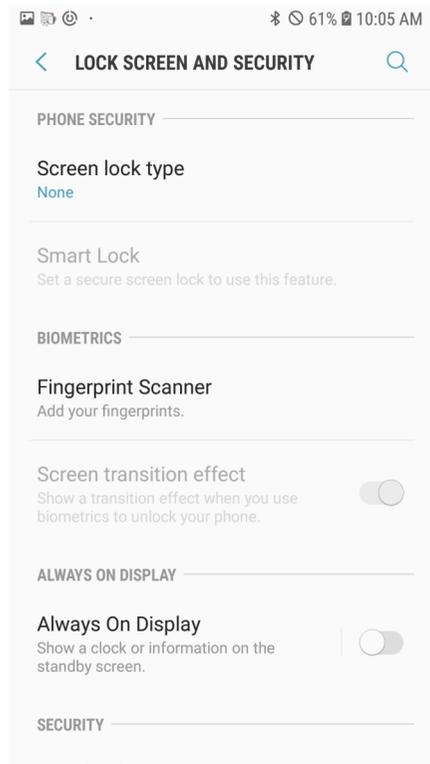
Before that make sure to disable the screen lock (to none) in the setup for better execution this concealed feature

Run the Chess Royal APP on Standby

(Put it on the back)

When the phone is lock push the power button once to wake up the phone then hold the power button 2 sec till power off page come out then push the volume+ button twice to start record; the volume - button to stop record, it may respond one vibration alert for start record and 2 for stop to confirm the action every time.

Quick Step 3_How to Record by Headset Volume button

Plug the attached earphone or any other earphone with the volume control button on the cable. Push Volume+ to start record and Volume– to stop record then

*The phone screen need to open while this operation, if want to be valid also under the closed screen status (phone stand-by), only a random music need to be played with while operation
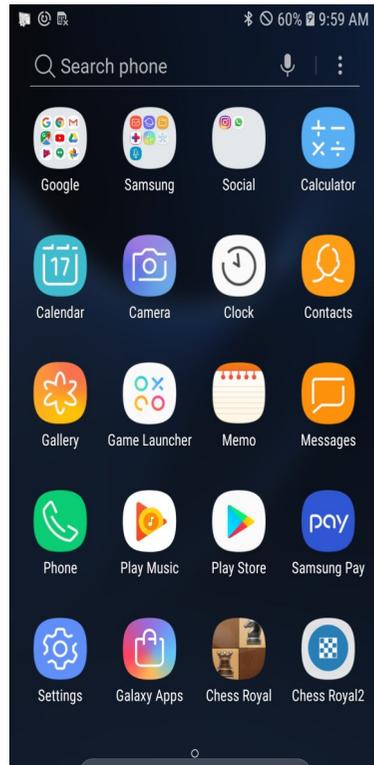
Run the Chess Royal APP on the back after Plug the earphone; Close the APP before unplugging the earphone

Quick Step 4_How to Switch Camera

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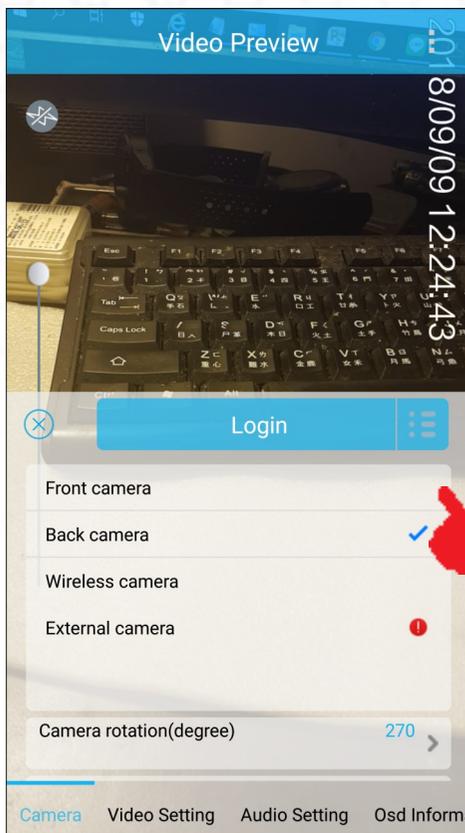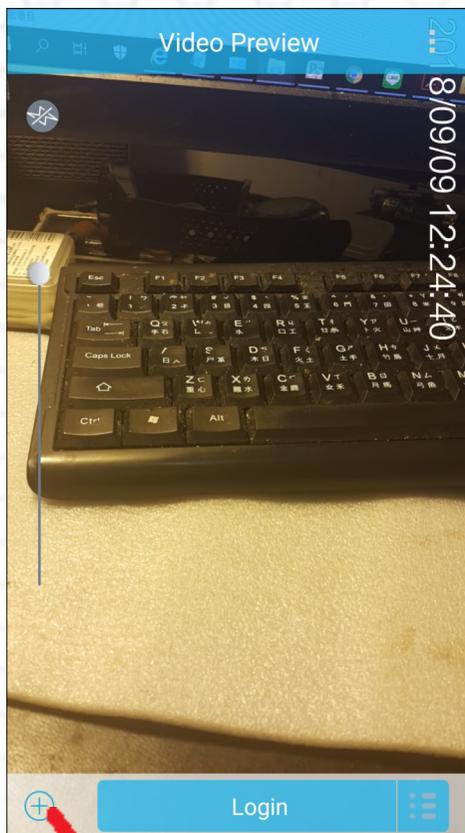
Quick Step 5_How to Play Back the video file

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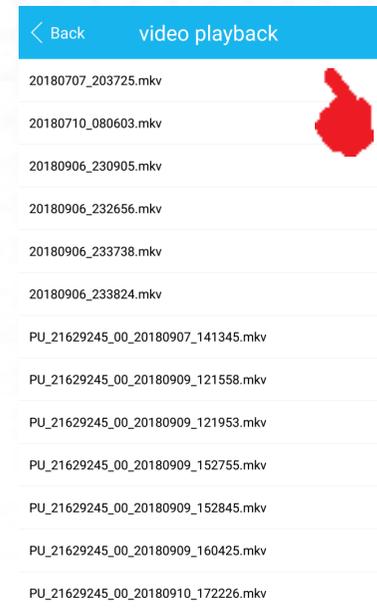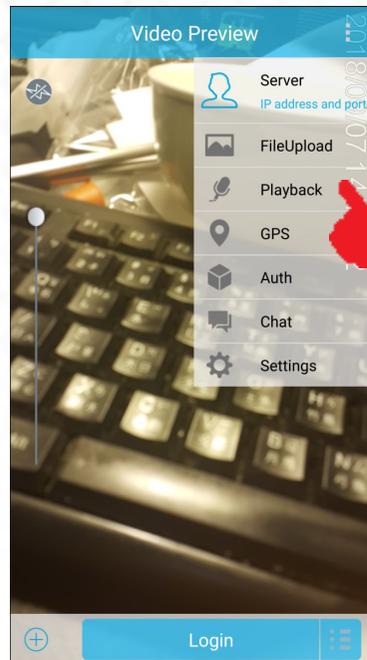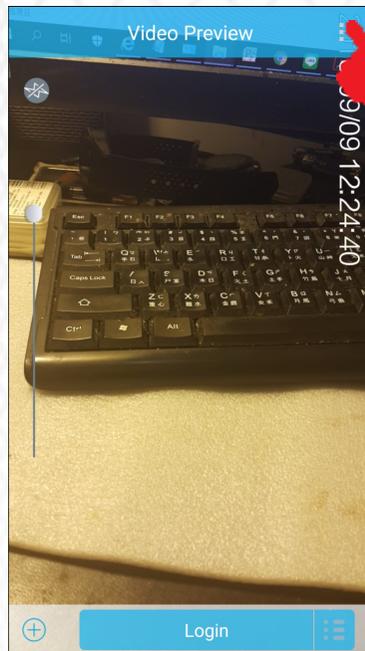
Quick Step 6_How to Read out the file

-Connect Phone with PC via USB cable

-Folder Position:

Built-in memory

PC>Galaxy S8+>phone>MPU>storage>video

External Card memory

PC>Galaxy S8+>card>Android>Data>

com.smarteye.mpu>Storage>video

-Can Use the file manager APP in the phone set to edit/
delete the files as well (files position same with the
above blue words part)

-If your PC can not recognize the phone you may check
the cable again or install its specific USB driver first from
the below link at:

https://www.dropbox.com/s/bdckkio8kqkdi0b/Samsung
-Usb-Driver-v1.5.61.0.zip?dl=0
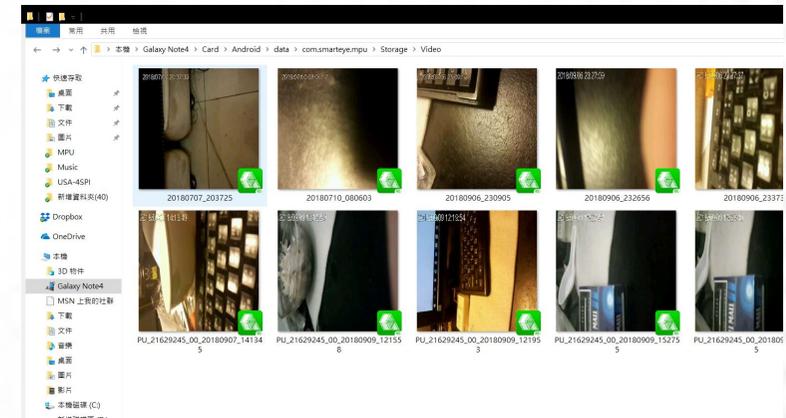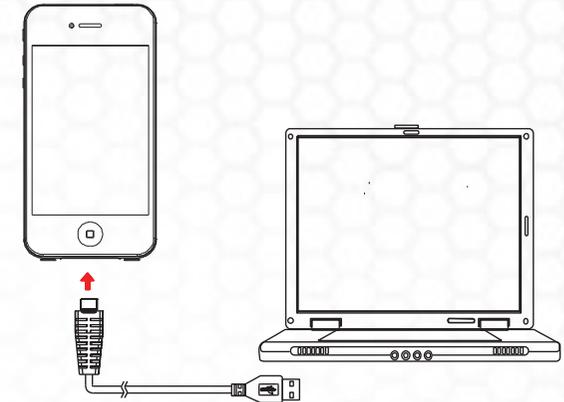
Quick Step 7_How to Active 4G Video Transmission(Optional)
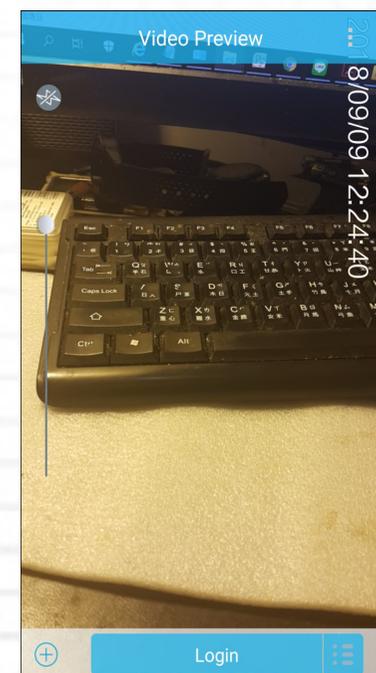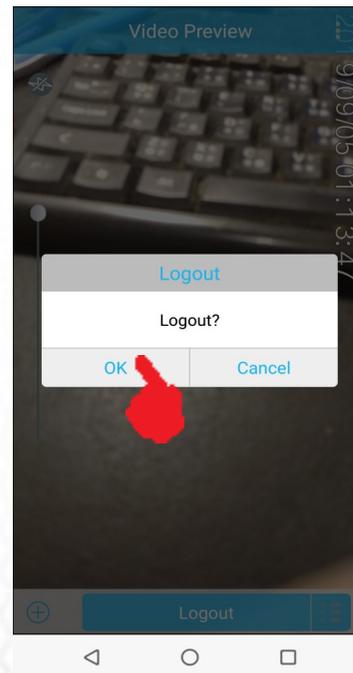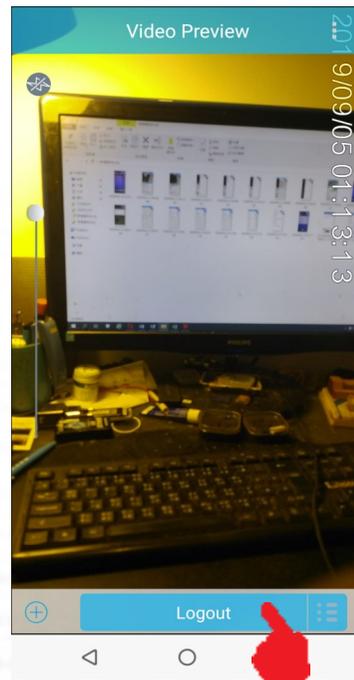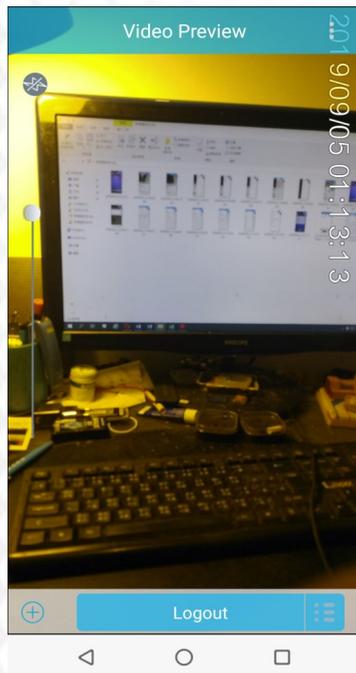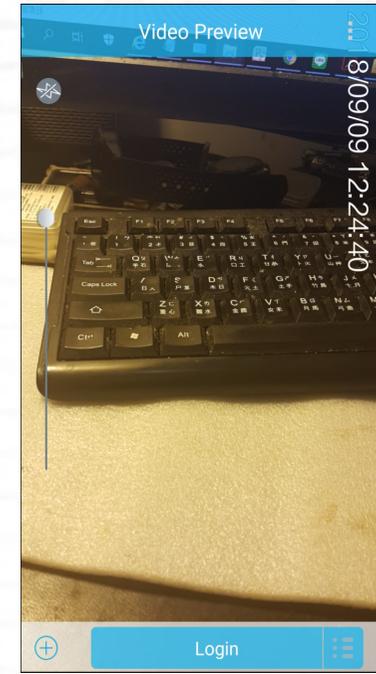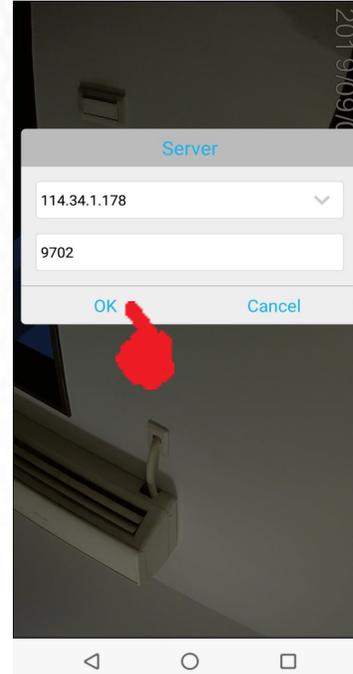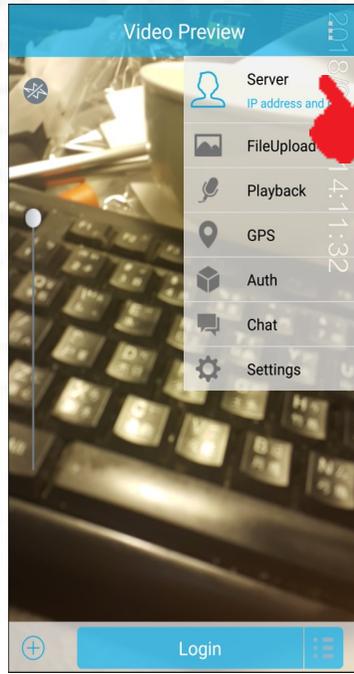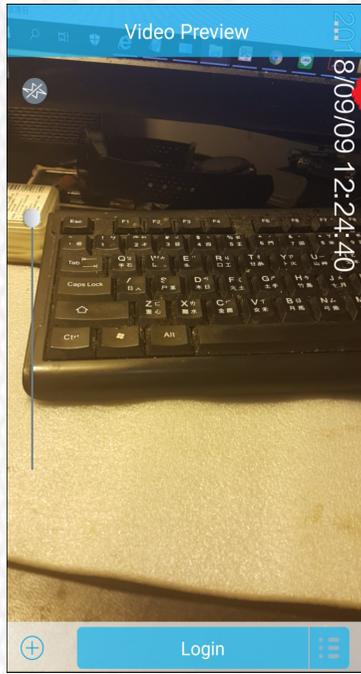
De-Active the transmission

Side Hidden Lens Position Guide Line

Parallelly

Lanscape Video Picture
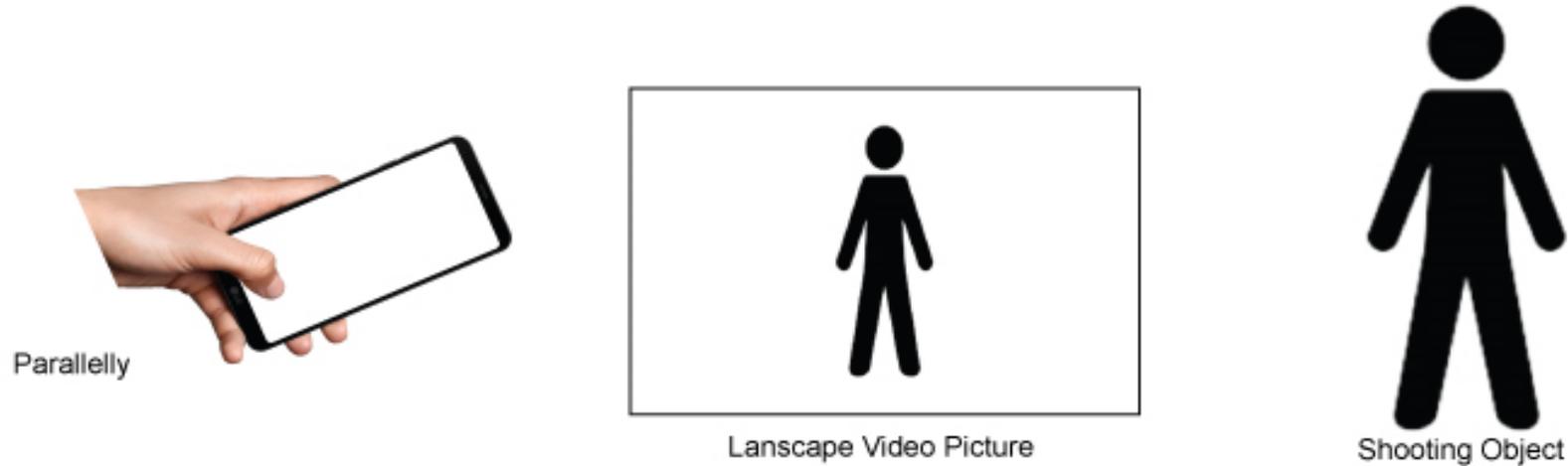
Shooting Object

The standard original video direction of the side modify Camera is set on lanscape view if you shooting the object while holding the phone parallely, or flatting on the table.

Vertically

portrait Video Picture

Shooting Object
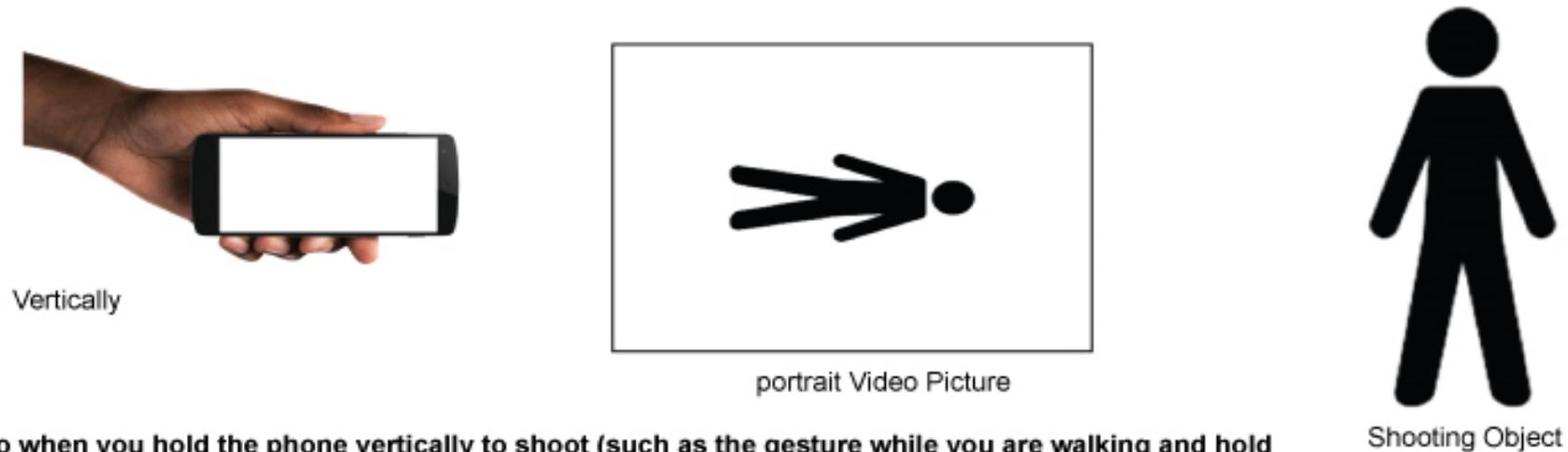
So when you hold the phone vertically to shoot (such as the gesture while you are walking and hold phone on the side of body), the original video direction will be portrait

Parameter Setup Description

Flash Light on/off

"Main Menu" Call out key

Stamp (OSD)

Zoom in/out

Video Preview

8/09/09 12:24:40

Login

"Video/Audio setup Menu" Call out key

"N/A" Not Available function in this version

"Operation Key Menu" Call out key
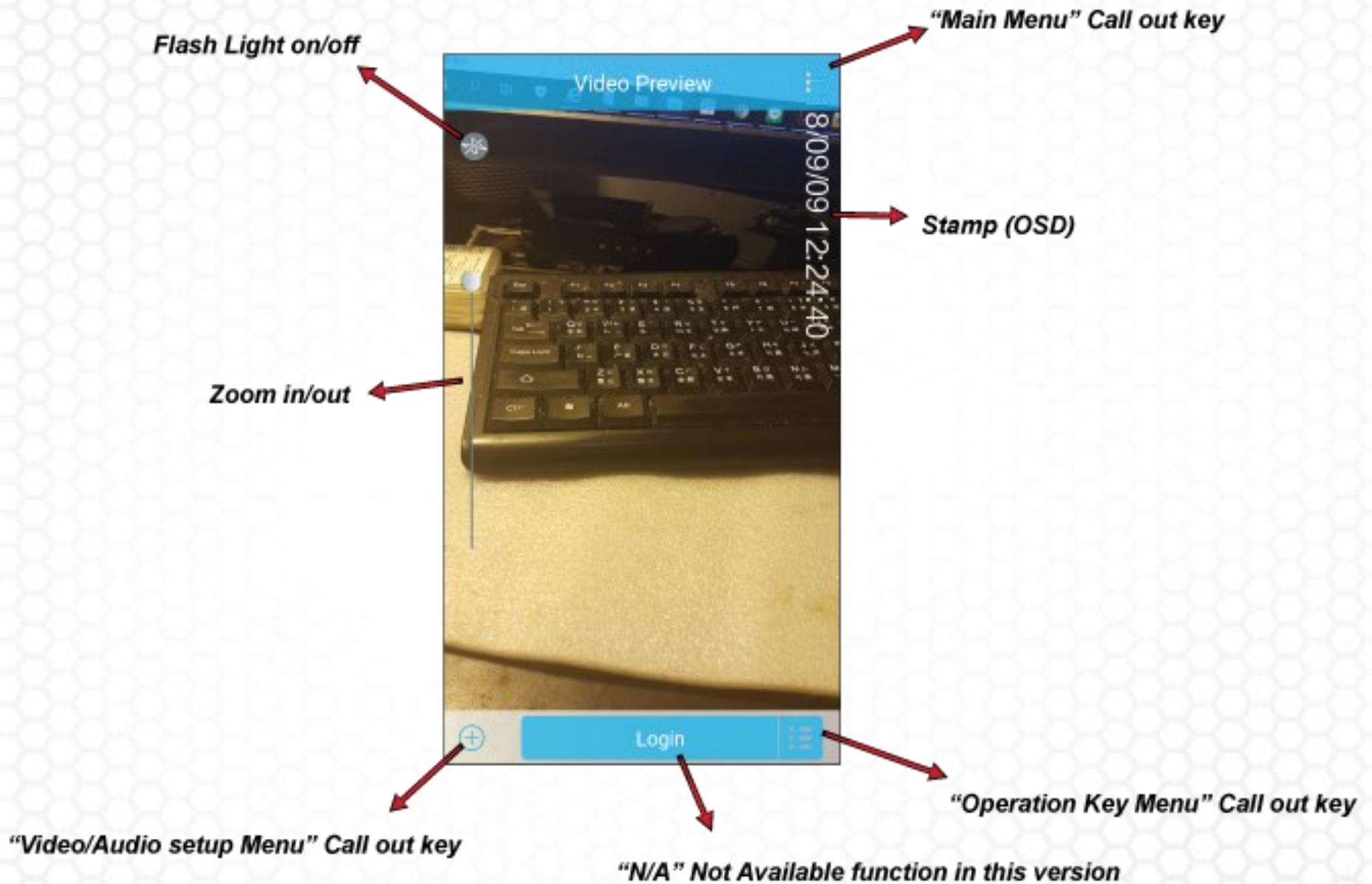
Operation Key Menu

-Video: Transmitting the video if the mark been checked

-Audio: Transmitting the audio if the mark been checked

-Snapshot—Take a still photo

-VRec—Activate the video record function

-ARec—Activate the audio record function
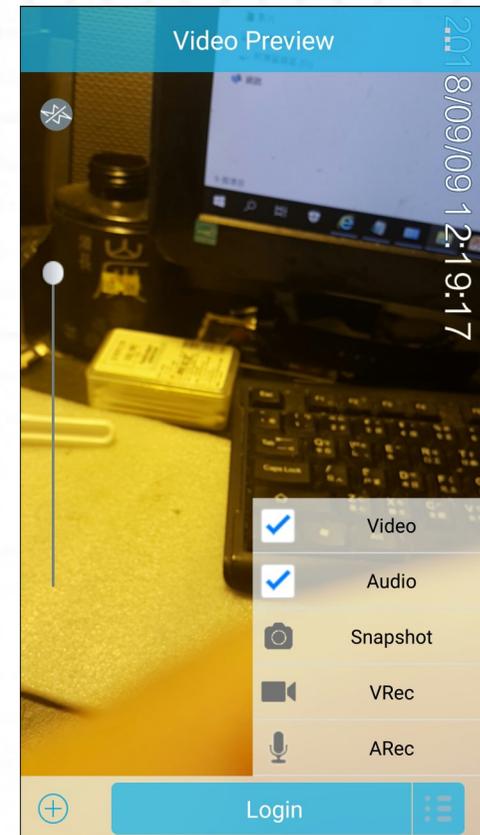
Remark: 1. If need to record the video without the audio just turn off the volume of the phone

2. Video, Audio and photo files would be saved in different default file folder

3. For the quick key and hotkey recording features are only available for the video record

Video/Audio Setup Menu

Camera Page Menu

Front camera (has changed to the side) (optional)

Back camera

Wireless camera—Support specific optional models only

External Camera—Support specific optional our OTG/USB Camera models only (See appendix A)

Camera Rotation (degree)—Original State, 90, 180, 270, Mirror

"Choose the degree you like according to the different ap-
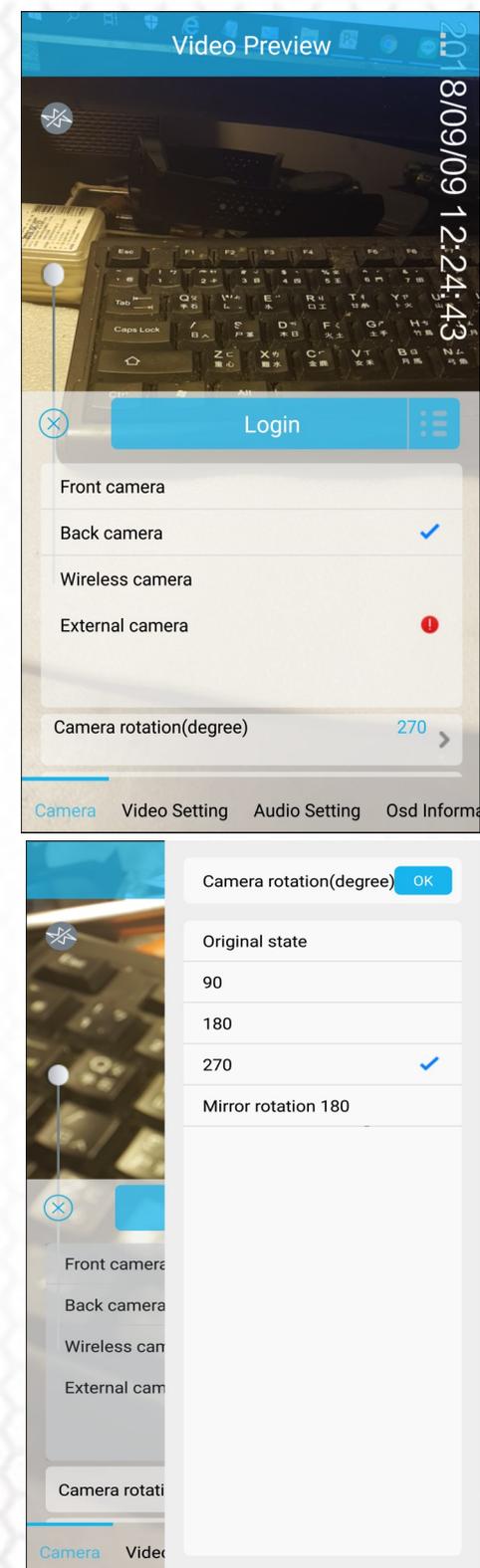
Video/Audio Setup Menu

External Camera Page Menu (Optional)

-Video Codec format

MJPEG/YUYV

-Resolution

1080p/720p/640p/320p

-FPS

5/10/15/20/25/30

-Audio Source Chosen (pops out in the Audio setting page)

USB Audio (Mic)

Phone Audio (Mic)

*Listed above setup will only pop out while connecting an approved USB camera
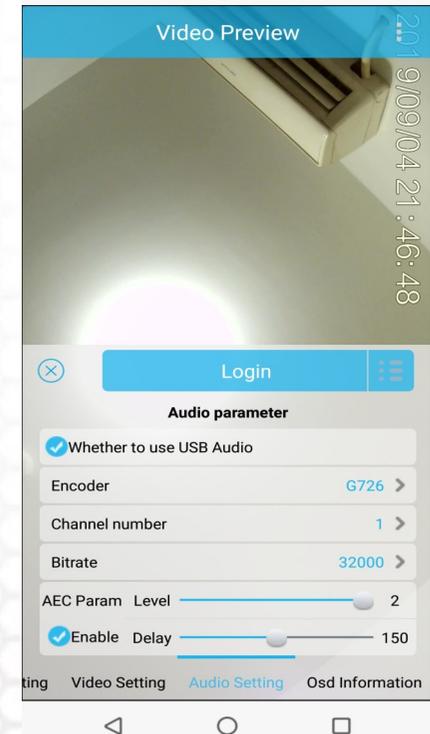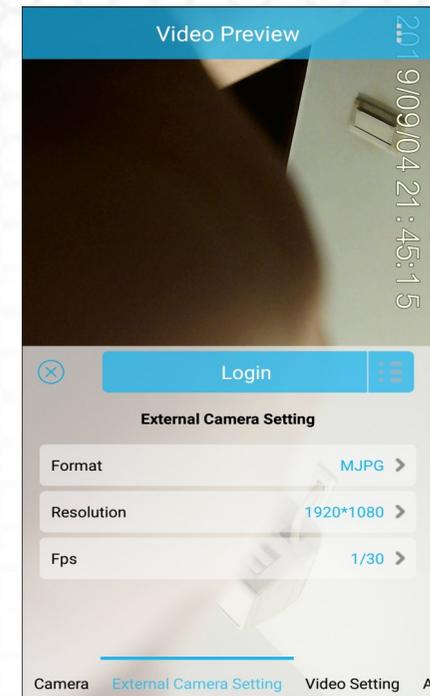
Video/Audio Setup Menu

Video Page Menu

-Resolution—Mostly set on the highest 1080p

-Bitrate (Video Quality) : Set on "recommended value"

*Bitrate value setting effect the file capacity directly

For example—If bitrate set on 5Mega/per second, the

file will become 5x3600/8=2.25GB/per hour

-Frame(per second) : 1~30

"Territories use 110V (such as USA) power will suggest

to set on 30; otherwise will set on 25"

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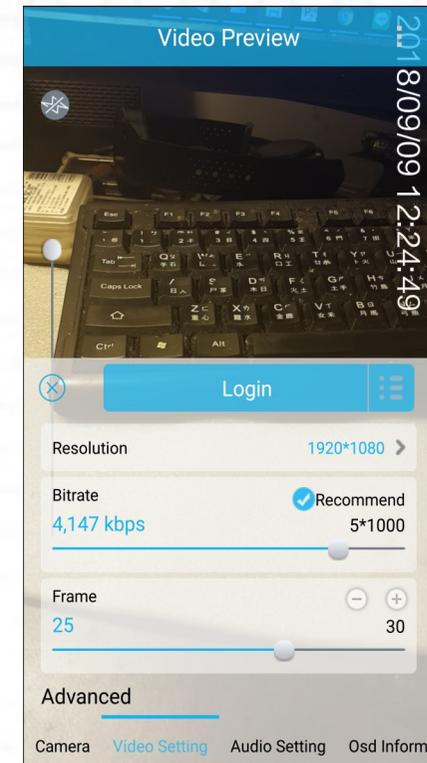
Video/Audio Setup Menu

Audio Page Menu

-Encoder: ACC / G726

-Channel number: Default

-Bitrate: up to 32000

-AEC (Acoustic Echo Cancellation) Level

"Generally cancel the background noise"

-Delay: (Default)

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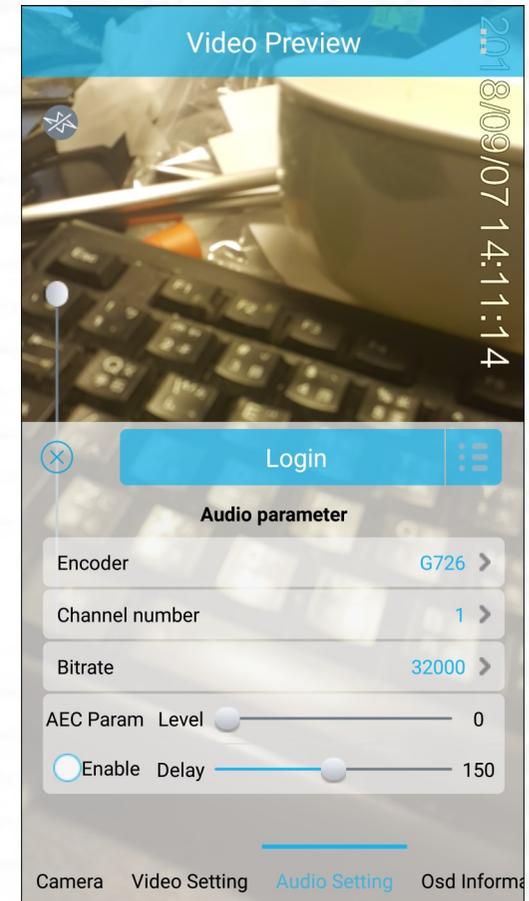
Video/Audio Setup Menu

OSD Page Menu

Please note this page setting has a little different than all others, since it a tree directory menu design like below:
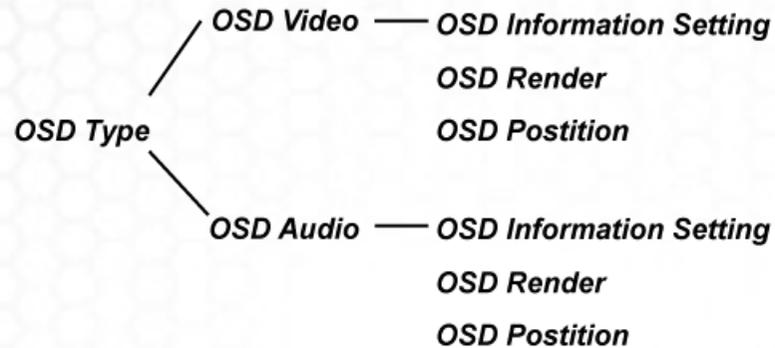
So at very first you have to select the first column to be on Video or Audio file. Then set all parameters Below, after then switch the first column to set the other type OSD to your ref.
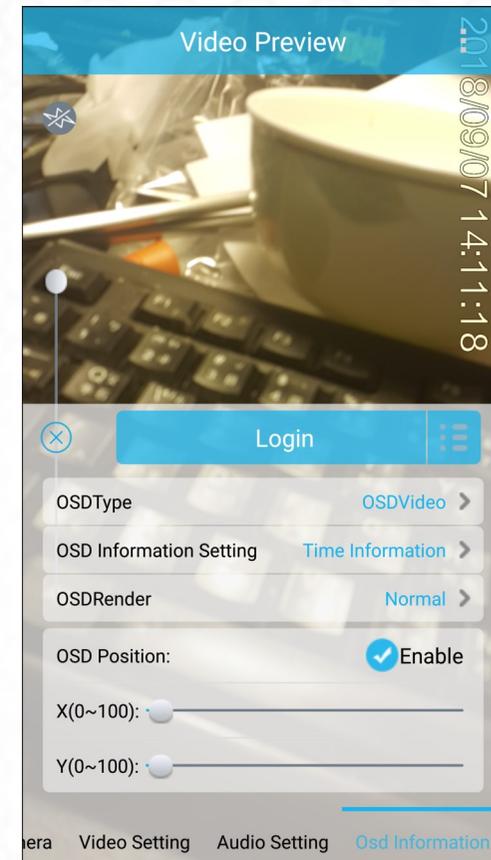
Main Menu

-Server: N/A (optional)

-FileUpload: N/A (optional)

-Playback– Will jump out another browse window to select the certain video file to play (the below one)

-GPS: Bring out the position with GIS

-Auth: N/A

-Chat: N/A (optional)

-Settings
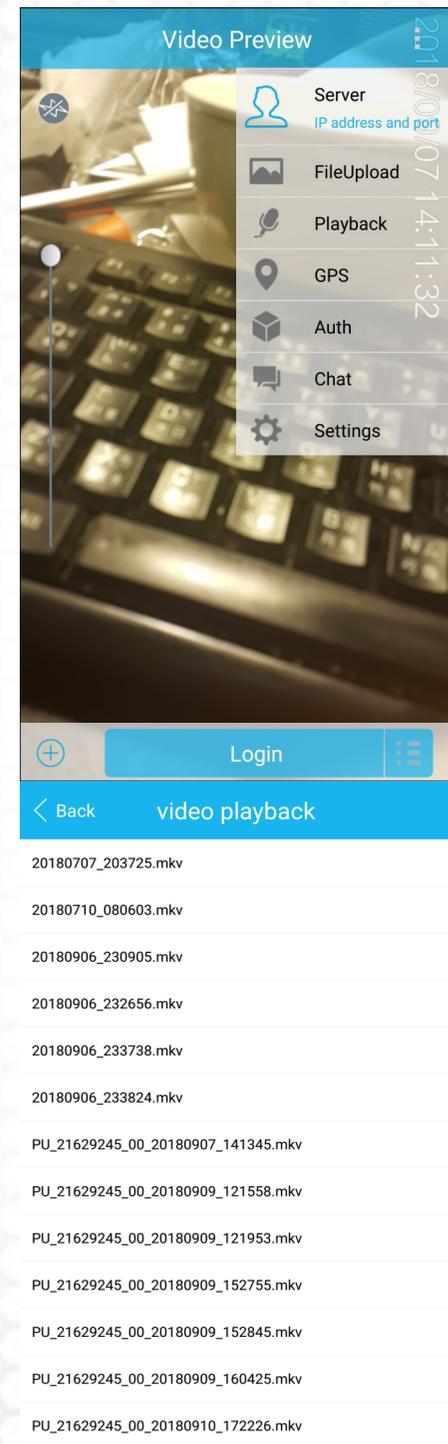
Main Menu

Settings Page menu

Settings>

-Language

-Device Info: Default

-Storage (see below page)

    -Extended Recorded time length (Sec.)

    -Pre Recorded time length (Sec.)

    -Video Time Length (minute)

    -Continuous photo time length (Sec.)

    -Storage Path: Built-in Memory / External Storage

    -Vide (Audio) file name format

       Default Format

Settings

Language	English >
Device info	SM-N910U/21629245 >
Storage	10m >
Version	1761 >
Platform	SmartEye >

Screen lit	⬤
Auto run	⬤
Auto login	○
Location	⬤
Cell locate	⬤
Auto record	○
Auto upload photos	○
Automatic upload of key video	○
Circulating Storage	⬤

Storage

Extend recorded time length(seconds) :

`10`

Pre recorded time length(seconds) :

`10`

Video time length(minute):

`10`

Continuous photo time length(seconds) :

`9`

Storage path:

Built-in memory card Remain19.77G/ Total24.74G

External storage card Remain7.31G/ Total7.39G ✓

Video (Audio) file name format:

Default Format ✓

Device ID

Device name

-Photo Custom Name:

Default Format

User Defined

Settings>

Version: Default

Plate form: Default

Screen lit (Screen light on while APP stay open)   Yes/No

Auto run (Auto run the APP once phone power on)   Yes/No

Auto login (Auto login once open the APP)   Yes/No

Location (Auto positioning once record or photo)   Yes/No

Cell locate (Auto identify where the cell station number is)

*Auto-Record (Start to record once run the app)   Yes/No

 "switch between the auto and manual record modes"
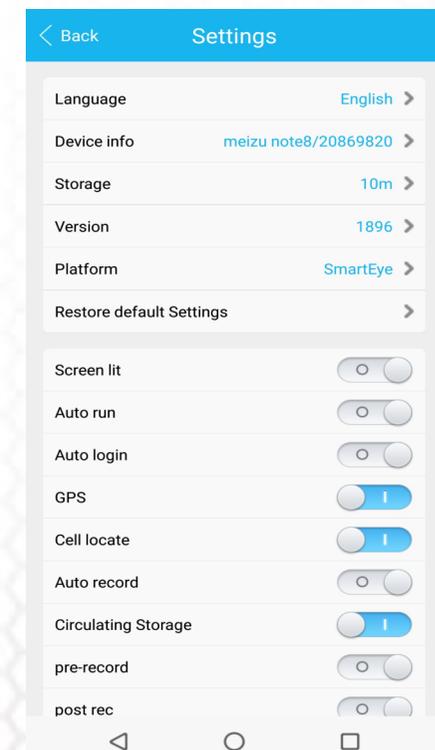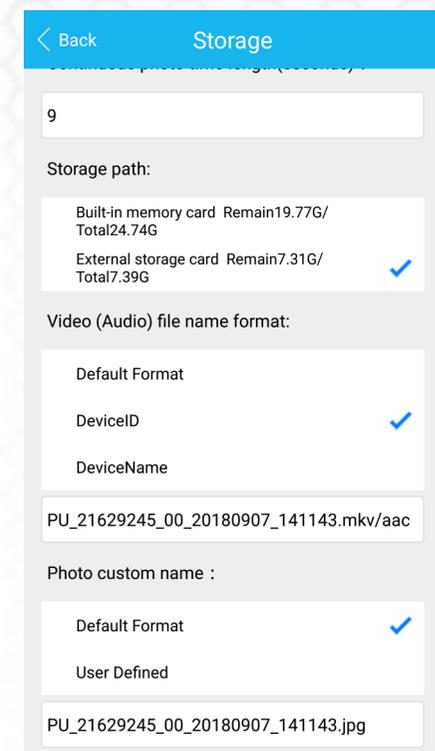
Auto record: Once active app will auto record   Yes/No

Auto Upload Photo: N/A

Auto upload the key video: N/A

Circulating Storage (Loop Record)   Yes/No

Pre-Record   Yes/No

Post Record   Yes/No

Continuous Photo   Yes/No

Mute Mode   Yes/No

Floating window   Yes/No

System preview   Yes/No

Flow Statistic   Yes/No

‹ Back	Settings	
Screen lit		○
Auto run		○
Auto login		○
GPS		I ○
Cell locate		I ○
Auto record		○
Circulating Storage		I ○
pre-record		○
post rec		○
Continuous Photo		○
mute mode		○
Floating window		○
System preview		I ○
Flow statistics		○

◁   ○   □