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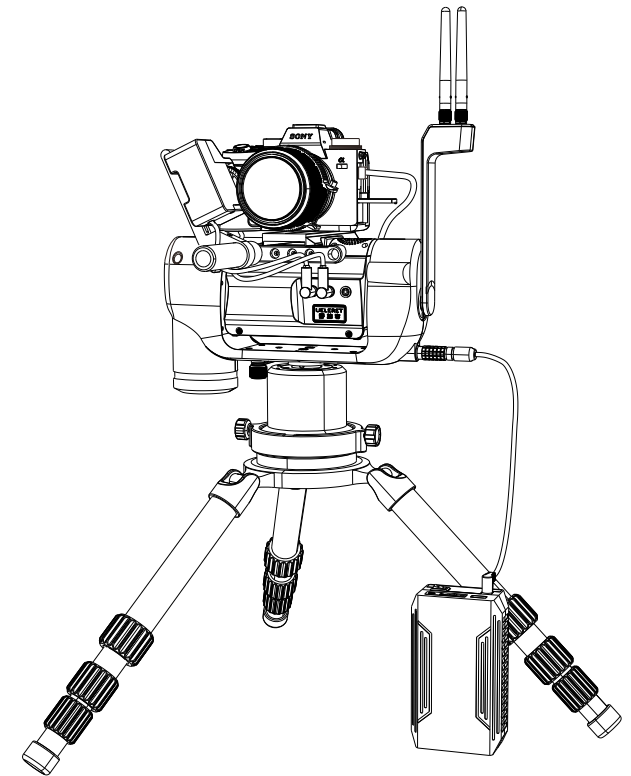
June 2024



# Remote Camera Assistant mini and Infrared trigger version

## Software operation and camera function setting instructions

Sony version



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## Preface

Thank you for your trust in choosing UELERET Remote camera assistant mini. We will serve wholeheartedly for you.

The Remote camera assistant mini is a highly integrated smart device.

Using the RCA mini s' App, you can control the stabilizer movement and lens zoom. The camera connects to the RCA mini through the network (Internet and wireless WiFi), enabling remote control shooting via a tablet or smartphone using the Sony official Creators' App.

With unobstructed or slightly obstructed signal transmission, the distance between the camera and the operator can range from 0-500 meters or 0-1000 meters.

1. This software operation manual applies to the following products:  
RCA mini (wireless communication distance of 500 meters)  
Smart Photography Assistant Mini (wireless communication distance of 1000 meters)
2. Owners can download the firmware from the UELERET official website and purchase the communication kit to upgrade to the RCA mini 1000.
3. The operating software APP interface is the same for the aforementioned products.

## Composition and download of the manual

The Remote camera assistant mini instruction manual consists of three parts and is accompanied by demo video.

Manual	Demo video
1. Software operation and camera function setting instructions	Software operation demon video Sony camera function setting video
2. Installation instructions	Remote camera assistant mini (Sony version) step-by-step installation video

Manual ( PDF format) and videos can be downloaded from UELERET website

Website: <http://www.ueleret.com.cn/>



### Special instructions:

1. Please be sure to read the instructions carefully, install and try it out in a convenient place several times, and become proficient in the installation and debugging methods.
2. If you cannot master it proficiently, it will take a long time to install and debug at the shooting site, which will affect the owner to shoot during the best light period.
3. The Remote camera assistant mini is not a panacea. It is not suitable for all shootings. Whether to use it depends on the characteristics of the shooting object and the venue.
4. Sony brand cameras have independent requirements for function settings.
5. The Sony version uses Live View shooting mode for still photo shooting. In order to minimize the image transmission delay, the real-time display image displayed on the tablet uses lower pixels, which is not as clear as the LCD screen image seen when holding the

camera. However, please don't worry, it is the camera taking the picture, and the clear and focused picture is stored in the camera memory card.

6. The Remote camera assistant mini uses a self-built 5G signal to realize communication between the smart stabilizer, camera and tablet. Therefore, please ensure that the owner is using it in a suitable environment.
7. In complex communication environments, such as cities, stadiums, large gatherings, towns, where there are many Wi-Fi signals, many and strong mobile phone signals, and near mobile communication towers, the communication signals of the Remote camera assistant mini may be interfered with , resulting in poor communication between Remote camera assistant and delays in using the device.
8. In environments far away from cities and towns, sparsely populated environments, and around rural areas, the communication conditions are relatively clean, and the Remote camera assistant mini will be smoother to use.
9. The further away from towns and in uninhabited areas, the smoother the communication of the Remote camera assistant mini.
10. After installing the Remote camera assistant and camera, please choose a place with no obstruction or slight obstruction within a distance of 0-500 meters or 0-1000 meters between the two ends for operation, and the signal repeater should be at least 1 meter above the ground. If there is serious obstruction between communications, the transmission of communication signals will be blocked, resulting in reduced communication capabilities, increased delay, and the inability to capture the shooting target in real time.

## Chapter 1 Description of operation part

### 1. Component composition

It consists of a tablet,operating handle,signal transmitter, signal transmitter battery(82.88 Wh), and battery charger.

Parts picture:



The tablet app consists of two apps

### Operating handle



Different batches of control handles may have slight differences in appearance and icon printing, but the functions and operation methods remain unchanged.

### Signal transmitter



Signal transmitter battery

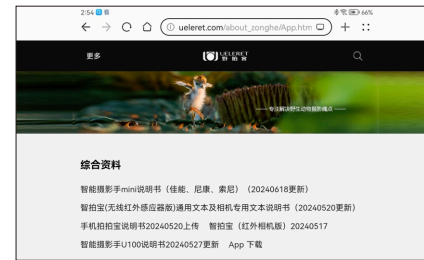
### Battery charger



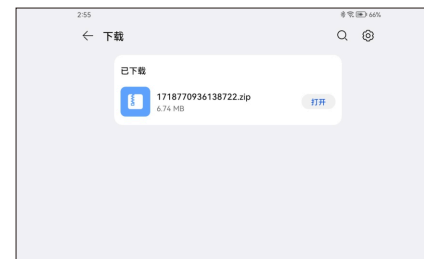
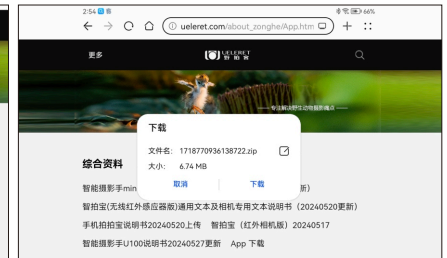
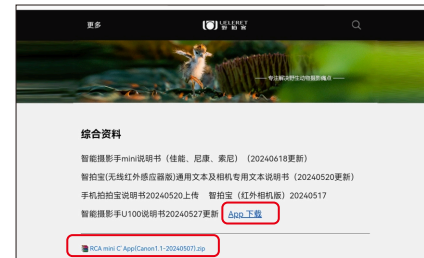
## 2. Download and install the RCA mini App(Android verion)

- (1) RCA m ini App (Android version)
- (2) RCA m ini MB App(Android version)
- (3) App(ISO version) is developing
- (4) Download and install steps as following:

① Download link: <http://www.ueleret.com.cn/>

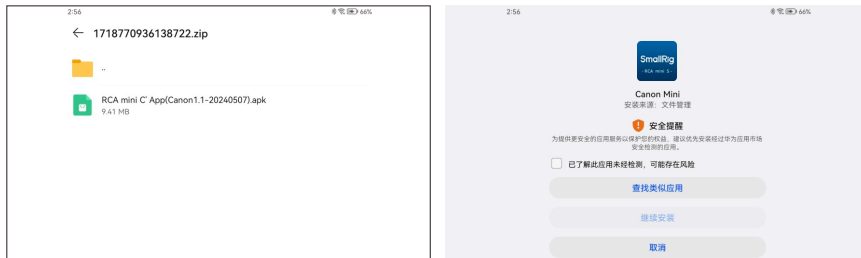


② Click the App download download and unzip





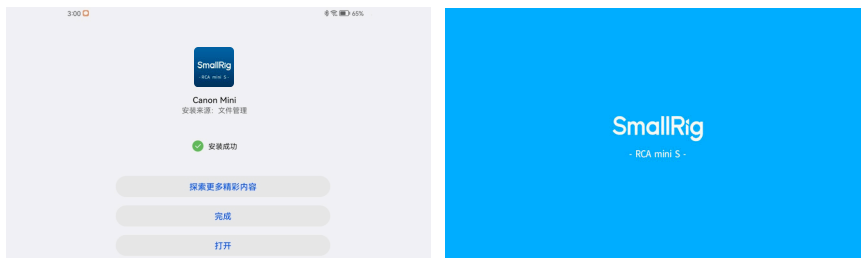
③ Click on the unzipped file with the apk suffix to start the installation



④ Click confirm and select continue to install

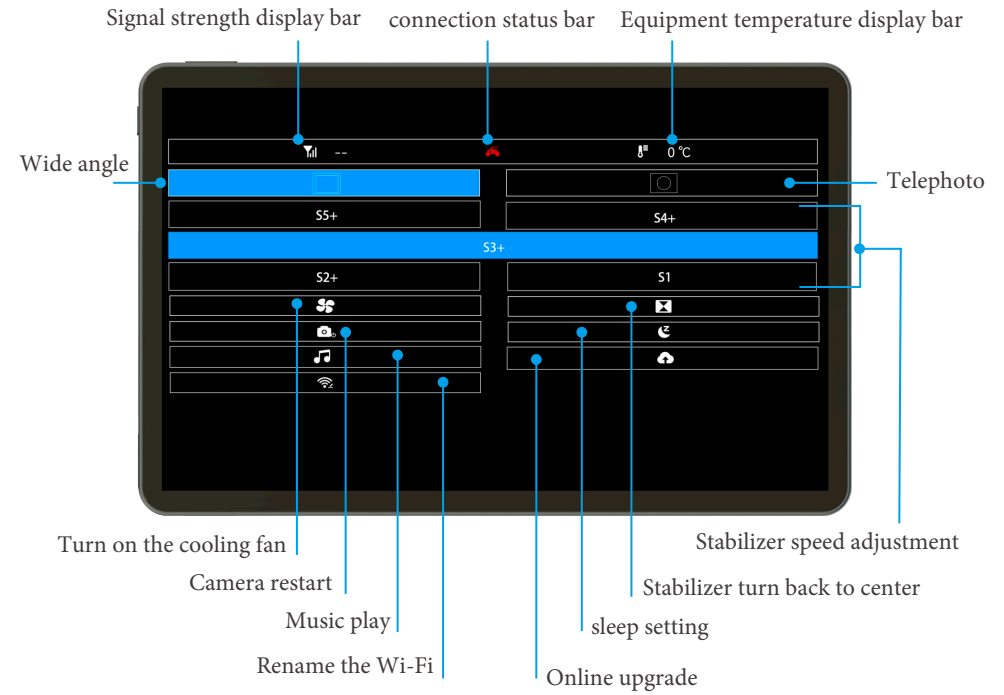


⑤ Installed click to enter the App operating page

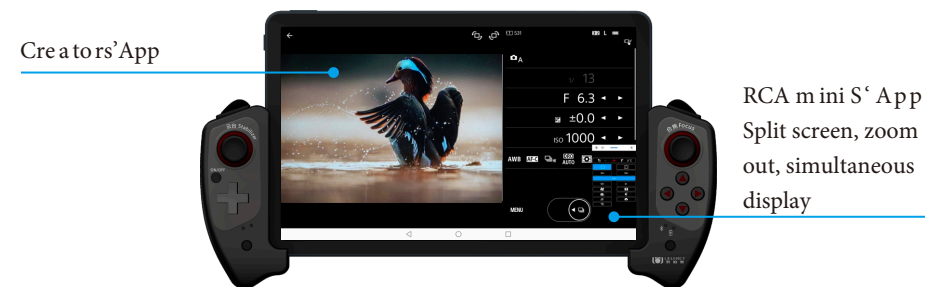


### 3. Software operation interface description

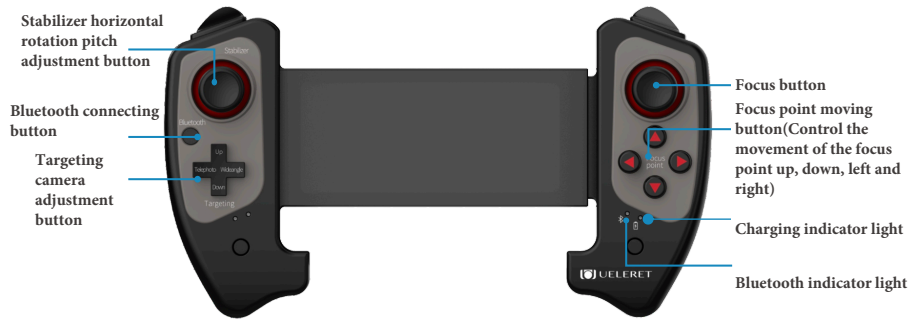
RCA mini App interface description



The page when using two apps

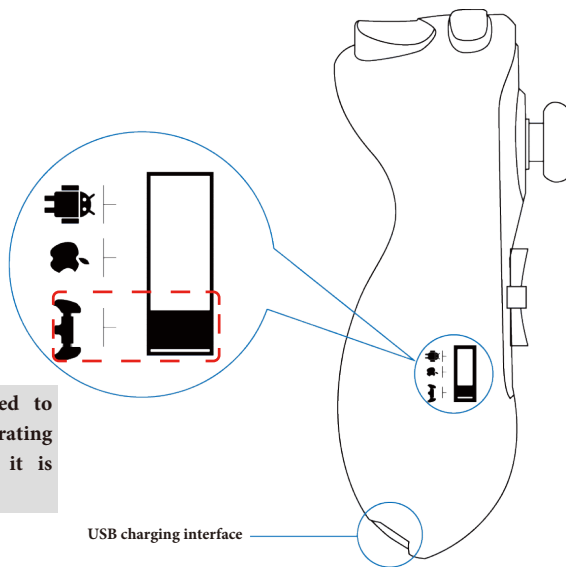


#### 4. Operating handle description




#### Handle operation mode selection

The switch must be moved to this position. the operating handle cannot be used if it is moved to other positions.



#### 5. Handle charging / Bluetooth connecting function

- 1) The operating handle uses USB interface for charging
- 2) During the charging process, the charging indicator light flashes and stays on when fully charged.
- 3) Connect Bluetooth: Set the handle operation mode switch to “”。

#### Tips:

The operating software is available in tablet and mobile versions. In the following description, the display of the tablet interface is used as an example.

### Chapter 2 Debugging of RCA mini App and handle

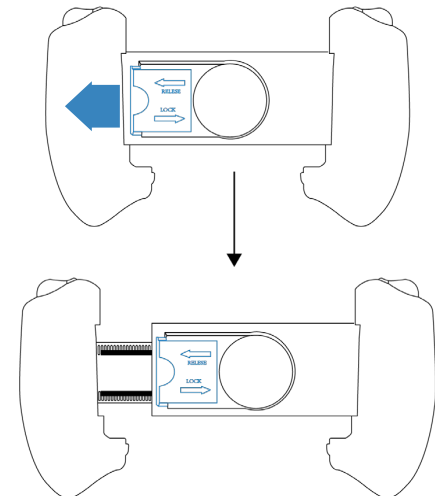
There are 8 steps as following:

Step 1: Open the hidden bracket at the bottom of the signal transmitter and place it on a suitable ground.

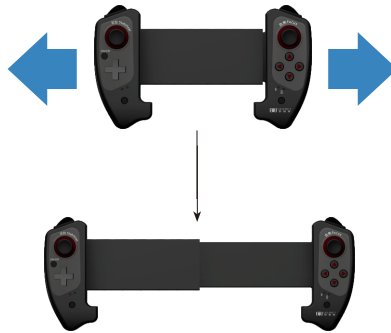
Step 2: Clamp the tablet on the operating handle.

For handle expansion and tablet clamping, please refer to the following diagram:

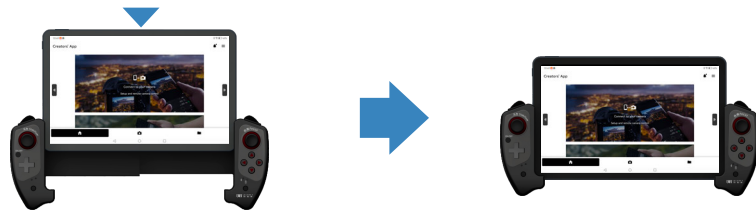
1. Loosen the buckle on the back of the handle (follow the instructions of the blue mark in the picture on the right, outward to loosen the buckle and inward to lock the buckle), pull the handle outward with moderate force to expand the clamping width of the handle, and then tighten the buckle again.



As shown in the picture on the right, the handle is opened. Pay attention to the position where the width is 5-10mm smaller than the clamping plate, and lock the bayonet on the back.

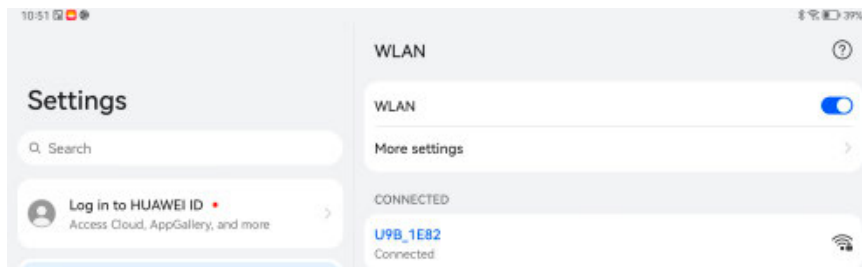


2. As shown in the picture, pull the bracket to the left and right, and install the tablet from top to bottom. After the tablet is installed at the bottom, release it, and the handle will automatically clamp the tablet.




### Step 3: Connect the network between the tablet and the smart stabilizer

Shown in the picture below, turn on the tablet and click to turn on Wi-Fi. When you search for the hotspot named "U9B\_\*\*\*\*" click Connect and enter the original password 12345678. When you see the prompt "Signal Connected", it means the connection is completed. If you need to modify the Wi-Fi name, you can read the Wi-Fi naming instructions below.



### Step 4: Connect the operating handle to the Bluetooth signal

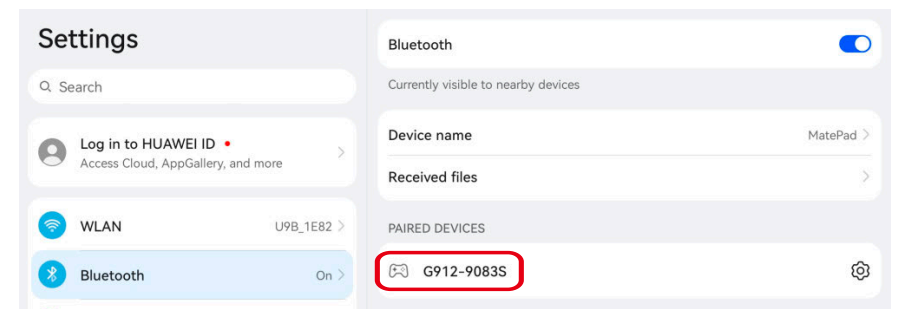
When using it for the first time, it needs to be paired first as following:

Set the handle operation mode switch to  press the Bluetooth connection button, and the "❄" indicator light will flash quickly; turn on the Bluetooth function on the tablet device, click "Scan", and when the device name named "G912-9083S" is searched, select pairing connection; the connection is successful and the "❄" indicator light is always on. A tablet that has been successfully connected will automatically connect to the handle with Bluetooth turned on when its Bluetooth function is turned on.

\* Notes: After the initial pairing is successful, for subsequent use, you only need to turn on Bluetooth on the tablet, press the Bluetooth connection button on the handle, the Bluetooth connection indicator light on the handle will stay on, and the Bluetooth connection operation between the tablet and the handle is completed.

\* If the indicator light does not display, it means that the connection is unsuccessful.

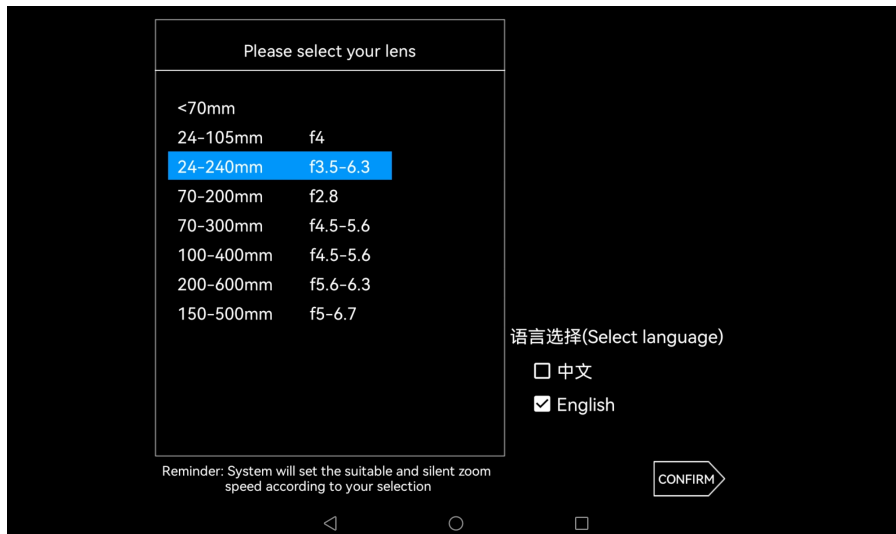
\* If the indicator light is off, please check whether the battery of the controller is insufficient and whether the Bluetooth of the tablet is turned on.



## Step 5: Choose the camera and lens

After entering the login page, a lens specification selection table will appear. After selecting the lens in use, the system will automatically select the appropriate thrust to drive the zoom lens. Not only will the zoom speed be more appropriate, but also a silent effect will be achieved. If you are using a small-sized zoom lens such as 24-70mm, 16-35mm, etc., just choose the "within 70mm" lens.

Illustration of the lens selection table interface of the operating software:



1. When zoom lenses of different specifications are zooming, the lens zoom adjuster requires different thrust to drive the zoom lens. Different thrusts produce louder and smaller sounds. The specific situation is as follows:

Lens model	Proper lens zoom thrust and sound						Remark
	Big thrust	Sound	Medium thrust	Sound	Small thrust	Sound	
70-200mm f/2.8					▲	Weak	Cohesive zoom
100-400mm f/4.5-5.6			▲	Light			
200-600mm F5-6.3			▲	Light			

2. Soft material zoom ring: inner diameter 40~84mm. When using short-throw lenses such as 15-35mm/24-70mm/24-105mm, these lenses do not have lens brackets, and the quick release plate must be installed on the bottom of the fuselage. For the relatively small body and is equipped with a zoom ring made of hard material, which will collide with the quick release plate when zooming. With a soft zoom ring, this won't happen.

You can download and watch the "Installation of Sony Short Throw Lens" video from the official website, which has detailed demonstrations.

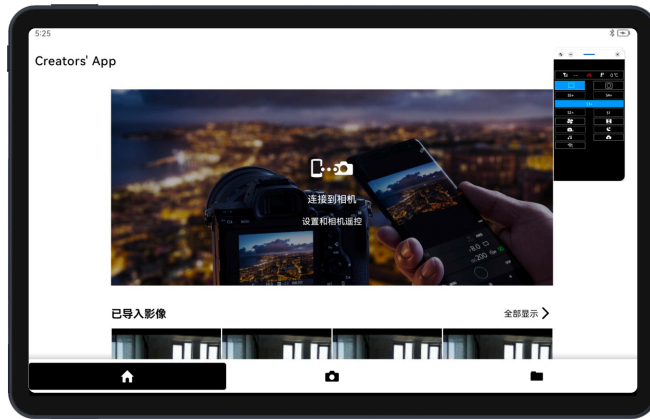
3. Manual focus will be used in the following situations:

- (1). The contrast of the shooting background is very weak, the color difference of the subjects is very small, and the autofocus function is difficult to distinguish.
- (2). Objects that require clear focus are interfered by many other objects, affecting focus. The autofocus function has difficulty focusing on the subject.

Therefore, the above situation will also occur when using the Remote camera assistant mini. You can use the lens zoom adjuster as a focus adjuster, similar to the manual focus method. The same applies when using a fixed - focus lens, and the installation method is the same as the lens zoom adjuster.

## Step 6: Test various functions of the tablet to ensure they are all operational

Login the RCA mini APP, shown as following:



Please operate on the tablet in sequence and check whether the following parts are workable:

1. Look at the status bar on the right to check whether the Bluetooth and Wi-Fi connections are successful.

If the connection is not normal, the interface will flash a reminder in red as shown on the right. At this time, you need to check the corresponding connection steps to see if there are any errors:

2. Watch the signal strength on the right side to check the signal strength. As shown on the right, The corresponding signal strength percentage will be displayed. The higher the percentage, the stronger the signal.

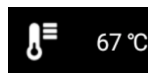
(1) Signal strength shows the quality data of wireless communication between the smart stabilizer and the signal transmitter.

(2) If the signal strength is lower than 20%, image transmission may not be smooth.

3. Device temperature and fan cooling:

(1) The ambient temperature of the RCA is 0-45°C. It is different from the device temperature displayed on the APP.

(2) Device temperature: The temperature on the RCA operating software shows the temperature of the integrated circuit CPU. The CPU temperature is displayed at a certain degree after the machine is turned on.



3. High temperature limit and warning:  
When the CPU temperature reaches 105°C, the operation interface will prompt "CPU temperature is too high, please stop using". Starting from 90°C, the color changes from yellow to red for warning. 90°C -95°C yellow, 95°C -100°C light red, 100°C -105°C dark red.

4. The mini stabilizer is equipped with a fan for cooling.

① The fan stops when the stabilizer is started. The icon color is white.

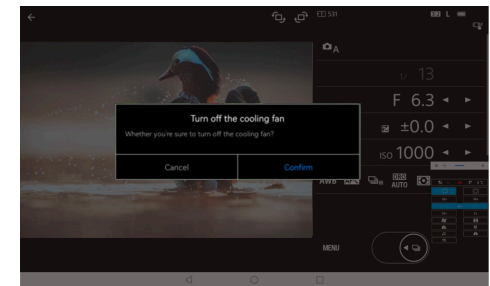
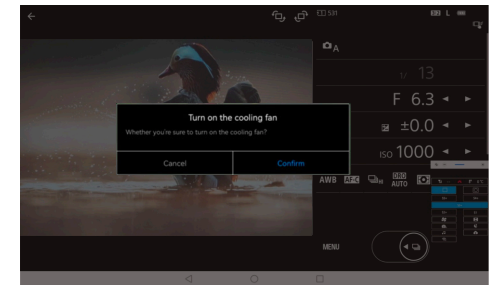
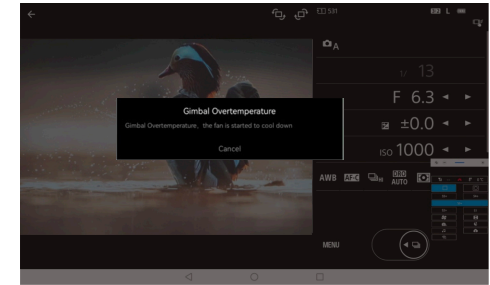
② When the stabilizer CPU temperature reaches 95 degrees, the device will forcefully turn on the fan to cool down to ensure normal operation of the device. There will be a prompt on the lower right side of the APP "The device temperature has reached 95 degrees and the fan is on."

③ When the fan graphic is white, it means the fan stops running; when the fan graphic is blue, it means the fan is running.








④ If you need the fan to run, click the fan icon and select in the pop-up window. After confirmation, the icon will turn from white to blue, and the fan will turn from stop to on.

⑤ If you need to stop the fan, click the fan icon and select in the pop-up window. After confirmation, the icon turns from blue to white, and the fan changes from running to stopped.

5. When the fan is running, the silent effect is about 55-60 decibels. In shooting scenes with particularly high requirements for quietness, the owner needs to choose to turn on and off the fan according to the temperature of the device.



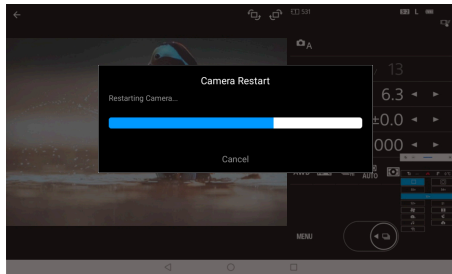
#### 4. Click the other buttons below to test the function.

Turn on the fan			Stabilizer position reset
Camera restart			Sleep setting
Music play			Upgrade online
Wi-Fi rename			


#### 【Camera Restart】

Please note that the [Restart Camera] function can only be used when using a camera battery converter. If you use the camera's original battery, you cannot use the [Restart Camera] function.

1. If the device is used for a long time, the digital camera and control system may experience program disorder and reduced response speed.
2. Restarting the camera will help restore the system and achieve device initialization.
3. After pressing the restart button, the camera will restart immediately, a pop-up window will pop up: The camera restart has been completed. Please click Return and re-enter the software for normal use.

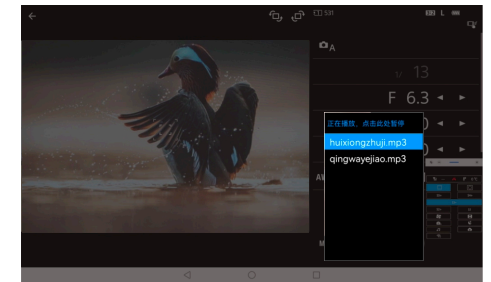
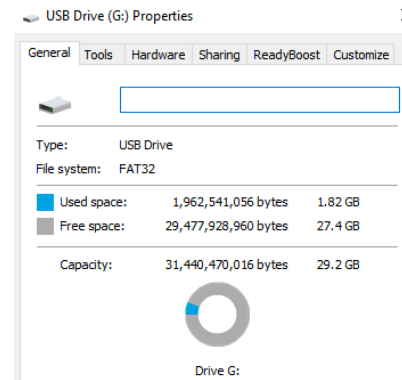


#### 【Music play】

Click the music play button  to play music. It can be used to lure animals to appear during wildlife photography. If you think the sound of the pan/tilt movement will affect the appearance of animals, you can also play the sounds of animals to cover it up.

##### 1. RCA mini music player USB disk file creation

- (1). The U disk file system must be FAT32. or NTFS
- (2). Create the folder 'audio' in the first root directory
- (3). Up to four tracks can be stored;
  - a, English names are in lowercase.
  - b, Chinese tracks are also available, but there must be no spaces between the words.
  - c, There can be other folders in the U disk;



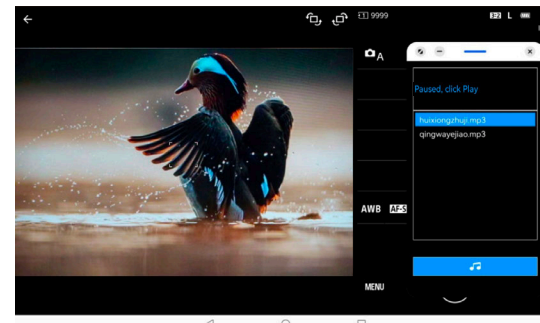
Tips: How to query the U disk file system ?

- ① Insert the USB flash drive into the computer.
- ② Right-click the disk and click Properties.
- ③ See the picture on the right for the display properties page.

Note: The USB flash drive containing music tracks must be inserted into the right one of the two USB ports on the stabilizer.

#### 2. 【Music Play】 Operation

- (1). Click 【Music Play】 , and the track interface will appear;
  - a. Four tracks will appear ;
  - b. The default maximum volume will appear ;



- (2). The default blue block covers the first track. And blue words appear on the black bar above the track interface: "Please click on the track you want to play."

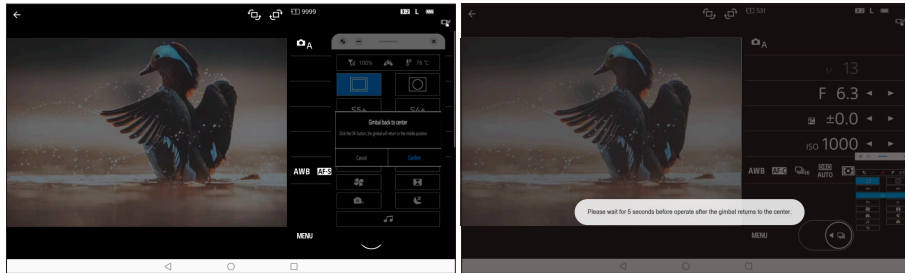
a. Click on the first track or any of the other three tracks, and the music will start playing. Above the track interface.



- b. The blue block covers the track being played;
- c. Click "Now playing, click to pause", and the music being played will be paused; Then on the track interface.
- (3). For the track that is covered by the blue block and is being played, if there is no subsequent click action, the music will not be paused and the single will be played in a loop.
- (4). Click on the track that is not covered by the blue block. And the blue block will cover the track that was just clicked, and the track will start playing. If there is no subsequent click action, the music will not pause and the single will be played in a loop.
- (5). The frequency of clicking the track cannot be too frequent. After clicking on a track, you need to stop for 5 seconds before clicking on a certain track. Clicking a track for less than 5 seconds will cause confusion in track playback. And you need to exit the APP or restart the stabilizer (through the sleep setting method) or turn off the power of the stabilizer to stop music playback.
- (6). Exit the APP and the music being played will stop playing. After entering the APP, run according to the above rules again.
- (7). Turn off the power of the stabilizer and the music being played will stop.

#### 【The stabilizer position reset】

Click the [The stabilizer returns to center] button, and after confirmation, the stabilizer will automatically move and return to the initial position.



#### 【Sleep settings】

1. The function of sleep setting function,
  - (1). Save power and the battery can be used effectively for a longer time.
  - (2). Timing off and on the power of the stabilizer can help the owner to shoot in the best light period.
2. Situations where it is necessary to set the Remote camera assistant mini to sleep mode: Set up the Remote camera assistant mini at the shooting location in advance instead of going to

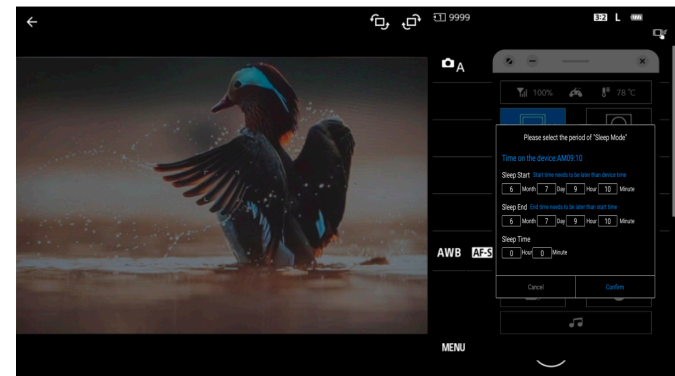
the scene to install the equipment before shooting. This can minimize the impact on animals and birds.

(1). For example, before 18:00 on the previous day, the owner sets up a Remote camera assistant mini at the selected shooting location and sets it up. The start time is 5:30 before sunrise the next morning. At 5:30, the Remote camera assistant mini will automatically turn on the power. The owner can directly control the device remotely to shoot without having to set up the equipment. Avoiding affecting the animals can also save the owner a lot of time and energy.

- (1). If there is no sleep setting, the device starts running after being installed at 18:00 the day before. Although the device is not operated, the device will continue to consume power, and the remaining capacity of the battery may not guarantee sufficient shooting time the next day.
- (2). After shooting in the morning when the light is good, the subsequent light is very strong, especially at noon, and the shooting effect is not good. The owner hopes to start shooting at 16:00. There was a few hours of waiting time in between. If there is no sleep setting, the device will continue to consume power. When shooting starts at a suitable time in the afternoon, the battery capacity may not guarantee sufficient shooting time.
- (3). During shooting, the owner needs to stop shooting for a long time, such as eating and resting for several hours.

#### 3.How to set sleep time?

- (1). Click [Sleep settings], the following picture will appear, and the settings are completed.
- (2). After clicking [OK], once the sleep time is up, the Remote camera assistant mini will stop powering the camera, shut down the smart stabilizer, and only retain The amount of power that can be turned on.
- (3). When the sleep time ends, the Remote camera assistant mini automatically turns on the power, the smart stabilizer starts resumes transmitting wireless signals. At this time, reconnect the signal repeater, connect the tablet WiFi and handle, and operate the control device and camera.



4. During sleeping, the device's sleep state cannot be changed through the tablet, and the device cannot be controlled.

This is because there is no communication signal transmission at both ends. You must wait until the sleep time is over, the Remote camera assistant mini power supply automatically starts up, and the communication signal is available before you can enter the operation.

Unless the owner goes to the smart stabilizer and turns on the power switch via a button, the device can be operated. However, this will affect the animals at the shooting site, and may disturb the animals and leave the shooting location, making it impossible to continue filming.

5. After the stabilizer restarts after sleeping, the operator must re-enter the APP before operation.

6. Things to note when setting the sleep time:

(1). Before setting the sleep time, the owner must consider the sleep time according to the needs of shooting. So as not to delay effective shooting.

(2). Check the time on the tablet, mobile phone, and watch.

The tablet computer is outdoors in the mountains and may not be in the mobile communication network. Therefore, the time on the tablet may not be consistent with the actual time, it is best to check the time on the tablet with that of your phone or watch before setting the sleep time.

(3). There are two ways to check the adjustment time :

a. The tablet computer is connected to the mobile hot spot and connected to the 4G or 5G network, and the time can be automatically adjusted.

b. If there is no 4G or 5G network in the local area, you can directly adjust the time on the tablet to be consistent with the time on the watch.

To set the sleep function, the following conditions must be met:

The camera is powered by a battery converter equipped with the Remote camera assistant mini, and is powered by a stabilizer for remote sleep operation.

After successfully setting sleep for the first time, the software will prompt "You have already set the sleep time" when setting sleep again. After sleeping, you need to wake up the camera.

(1). Follow the [Shooting Operation] on page 33, and the camera screen will appear, indicating that the camera has been awakened and connected, and you can start shooting.

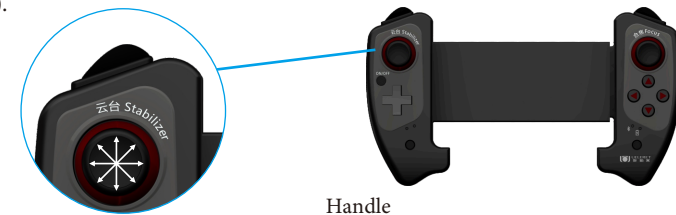
(2). If you open the Sony Creators' App and cannot connect to the camera, you can click [Restart Camera] on the RCA mini App page to wake up the camera.

(3). If the [Sleep Setting] is completed and the camera is turned on for 1 hour without any operation, the camera will enter deep sleep. At this time, clicking the [Restart Camera] function on the RCA mini App will not wake up the camera. You can perform the [Sleep Setting] again and set the gimbal to sleep for 1 minute. After 1 minute, you can wake up the camera.

Step 7: Test the operating handle to ensure it is functioning properly.

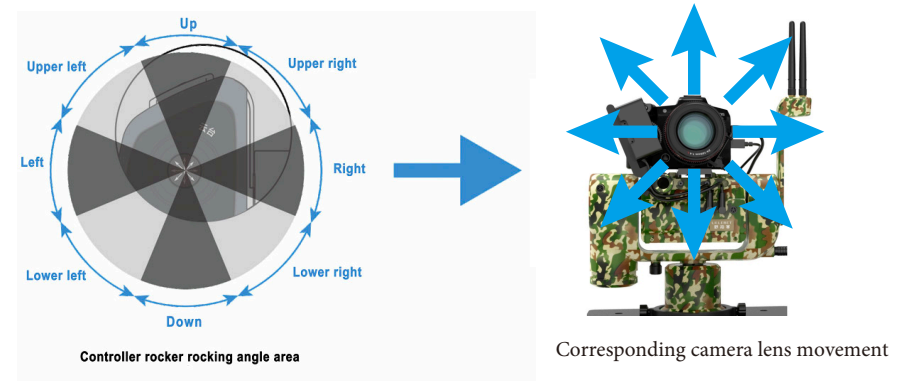
1. Turn the stabilizer's horizontal rotation and pitch adjustment keys to check whether the main body of the smart stabilizer rotates normally accordingly.

1) As shown in the picture, you can control the stabilizer by moving the joystick, and you can control the camera lens to move in 8 directions. Movement (vertical upward, vertical downward, horizontal left, horizontal right, upper left 45°, upper right 45°, lower left 45°, lower right 45°).



Handle

The movement of the camera lens as shown in the following figure :



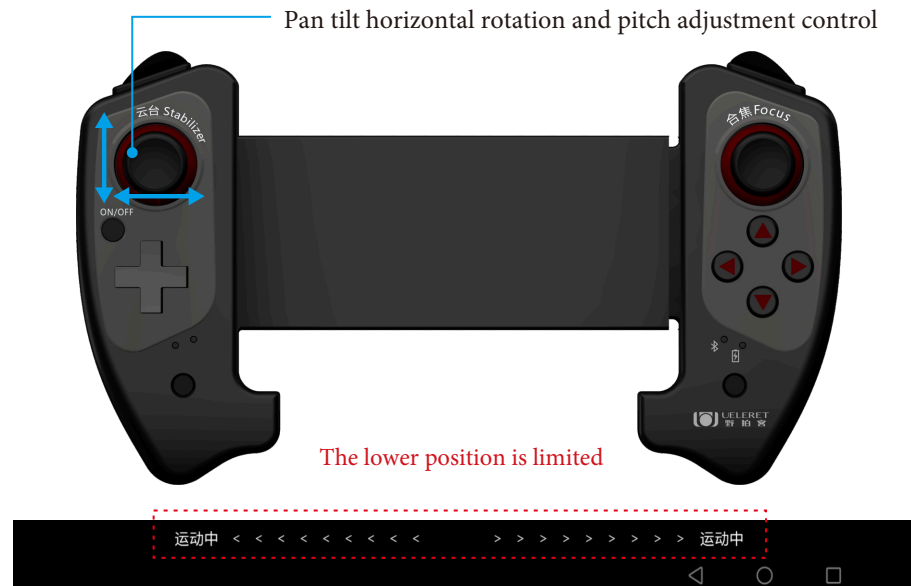
2. Also check the tablet screen (the screen should switch to photo mode)

Whether the stabilizer is rotating synchronously accordingly, when the horizontal rotation and pitch adjustment of the stabilizer reaches the left / right end and the upper / lower end, there will be a prompt of "Left / right / up / down has been limited" at the bottom of the tablet interface.

3. The stabilizer has five speeds for horizontal rotation and pitch: Super fast, fast, medium, slow, super slow.

Super fast, fast, medium, slow, are suitable for use with focal lengths within 300mm; fast, medium, slow, super slow are suitable for use with focal lengths above 300mm.

Fine adjustment is suitable for adjusting the focus point to a precise position and composition; it is fast and suitable for target search. The specific operation is as follows:



When the lower limit point is reached, the words "lower limit" will be displayed here. When the left limit point and the lower limit point are reached at the same time, the words "lower left limit" will be displayed here. The limits in other directions Same thing.

4. Smart stabilizer speed adjustment operation instructions:

The following methods can be used to adjust the speed of the smart stabilizer. As shown in the figure, use the five-speed buttons "S5+/S4+/S3+/S2+/S1" on the operation interface to select different speeds.



The APP sets the wide-angle end and the telephoto end, which refers to a high-zoom lens. The pan, tilt and speed of the lens at the wide-angle focal length and the telephoto focal length are different. The speed setting meets the requirements of a wide-angle large screen and a telephoto small screen.

5. When the smart stabilizer is in motion, shoot relevant action

(1) When the smart stabilizer rotates and tilts, the focus point moves, focus, shutter release, lens zoom, and warning light can all be operated at the same time.

(2) When animals move in straight lines left and right, vertically up and down, or diagonally up and down, effective shooting can be achieved through skilled and effective stabilizer operation and other related shooting button operations. That is, what ecological photographers often call panning and chasing shots can be achieved

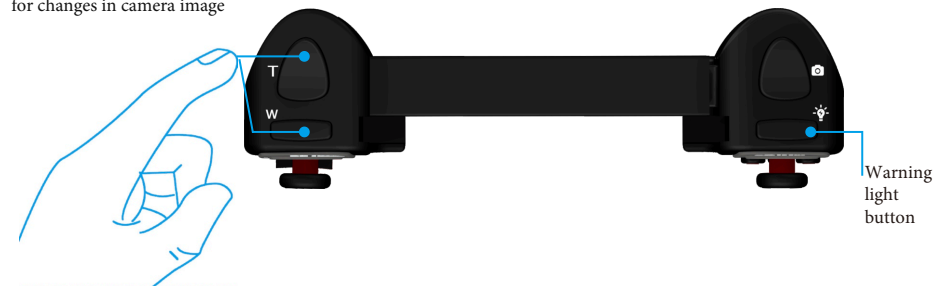
(3) Press the camera lens zoom adjustment button (only for zoom lenses, fixed focus lenses cannot be used). Check whether the zoom component of the smart stabilizer body is working properly. At the same time, check whether the real-time display screen of the tablet computer is also zoomed in and out accordingly.

(4) When the tablet is in any screen state, press the camera zoom adjustment button to realize the zoom function of the camera zoom lens.

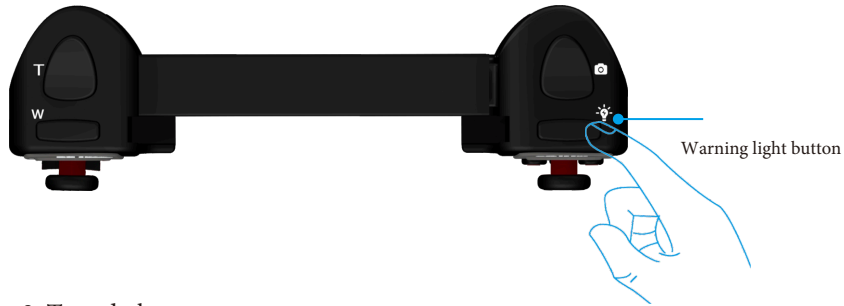
(5) Real-time display mode allows you to directly observe the zooming in and out of the camera lens.

(6) The specific operations are as follows:

Press the telephoto and wide-angle adjustment keys separately. Check for changes in camera image



4. Press the warning light button to check whether the smart camera warning light is flashing normally.



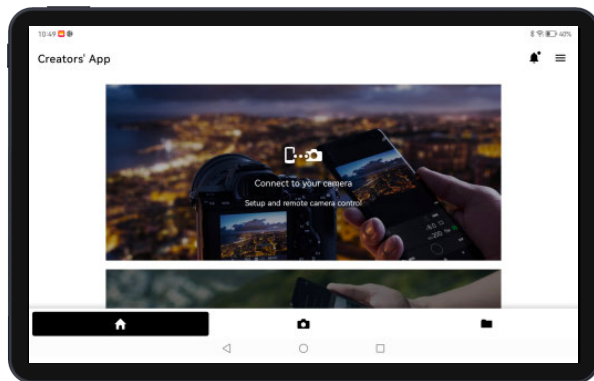
Step 8: Tested ok.

Take the operating handle, tablet computer, and signal repeater (including power supply) to the shooting site selected in advance.

## Chapter 3 Sony Camera Settings and Creators' App Shooting Operations

### I : Sony camera network connection method description and compatible models

(1) Some Sony models have the function of connecting to external networks via LAN wired or Wi-Fi wirelessly, and use the official Creators' App to remotely control camera shooting.



### (2) Compatible models

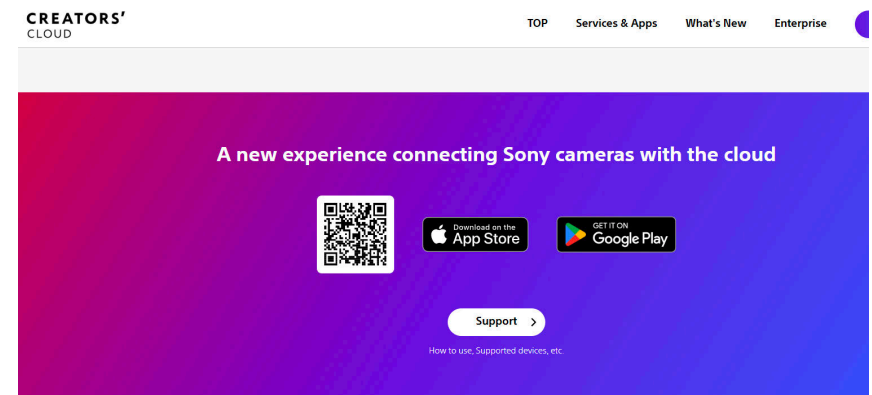
No.	Models	Model Abbreviation	Wired LAN	Wireless wifi	APP name	Download link
1	Alpha 1	A1	√	√	Creators' App	<a href="https://creatorscloud.sony.net/catalog/en-us/creatorsapp/index.html">https://creatorscloud.sony.net/catalog/en-us/creatorsapp/index.html</a>
2	Alpha 9 III	A9 III	√	√		
3	Alpha A7S III	A7S III	-	√		
4	Alpha 7R V	A7R V	-	√		
5	Alpha 7 IV	A7M IV	-	√		
6	Alpha 7CR	A7CR	-	√		
7	Alpha 7C II	A7C II	-	√		
8	ZV-E1	ZV-E1	-	√		
9	Alpha 6700	A6700	-	√		
10	ILME-FX3	FX3	-	√		
11	ILME-FX30	FX30	-	√		
12	ILME-FX6V	FX6	√	-	Monitor & Control	<a href="https://creatorscloud.sony.net/catalog/en-us/monitorcontrol/index.html">https://creatorscloud.sony.net/catalog/en-us/monitorcontrol/index.html</a>

(3) Only the methods for connecting to the external network via wired LAN or wireless Wi-Fi for models 1-11 are described in detail. The Fx6 can refer to the operation in this page

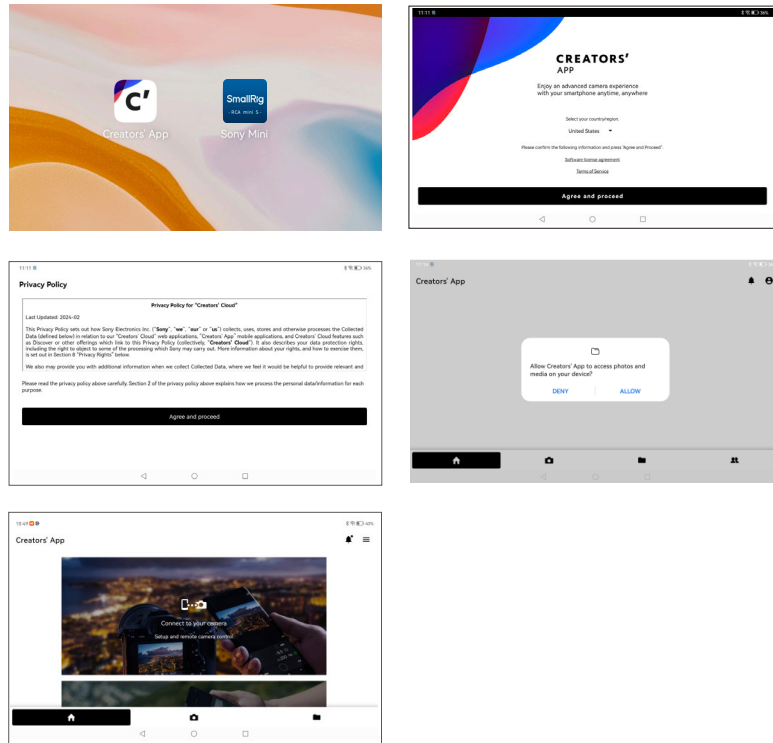
### II : Download and install the Creators' App

(1) Download the Creators' App from Sony official website, and install to tablet or mobile phone.

Download link: <https://creatorscloud.sony.net/catalog/en-us/creatorsapp/index.html>



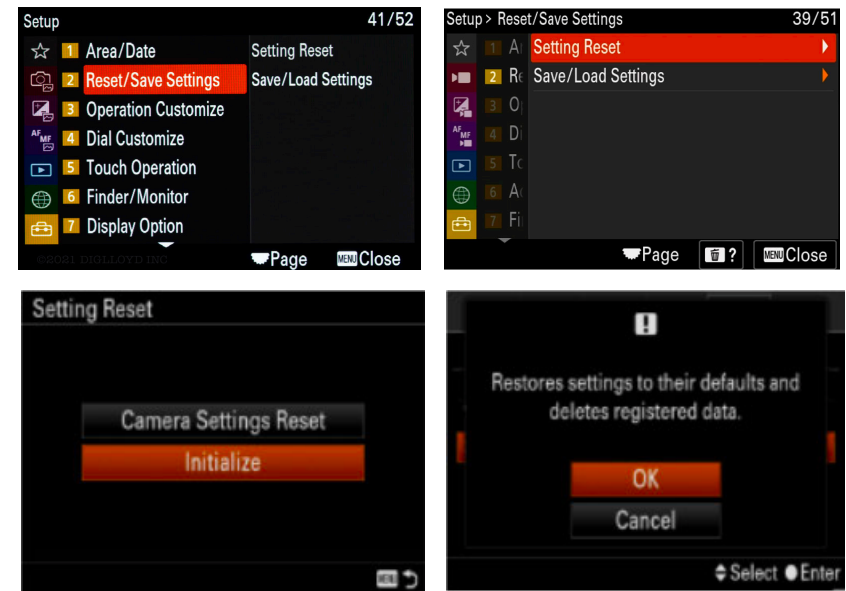
(2) Login Cre a to rs' App, Follow the software prompts to confirm the usage area and App permissions before entering the software homepage



(3) Update the camera firmware or ensure that it is the latest firmware released by Sony  
Creators' App has requirements for firmware. Cameras that do not meet the firmware version requirements cannot connect to the network. For methods to check the firmware version number and firmware upgrade methods, please refer to Chapter 5 of this menu.

(4) Initialize the camera  
(1). If you have just upgraded the firmware, the camera does not need to be initialized.  
(2). Before using the RCA mini, if you have set multiple customizations on the camera according to your personal shooting habits, or have used other communication methods such as mobile phones to remotely control shooting, it will be difficult to restore the settings to the original state through the [MENU] menu. In this case, you can use the camera initialization operation method to quickly restore the camera.

Initialize option of Sony camera :



### III : Camera setting

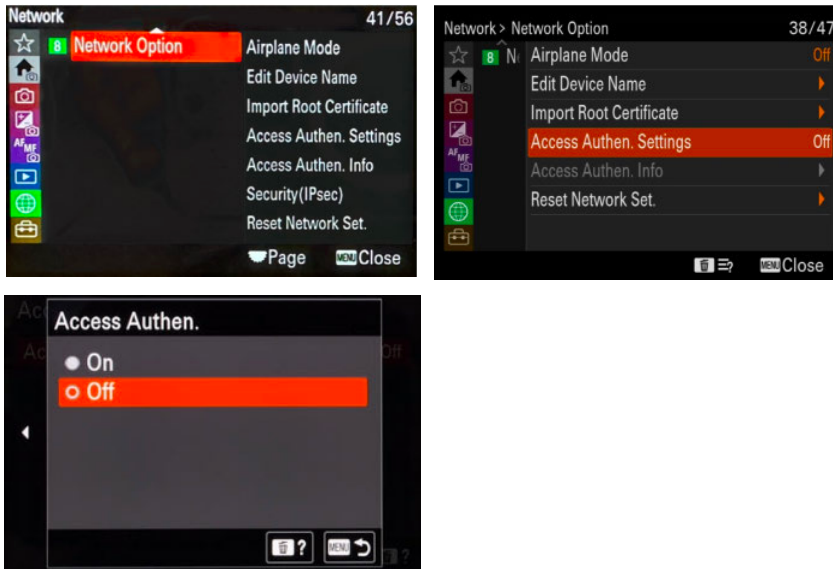
(1) The EV switch must be set to **[0]** on the camera body, then you can remote to set the EV value from Cre a to rs'App





(2) Access Authentication .Settings

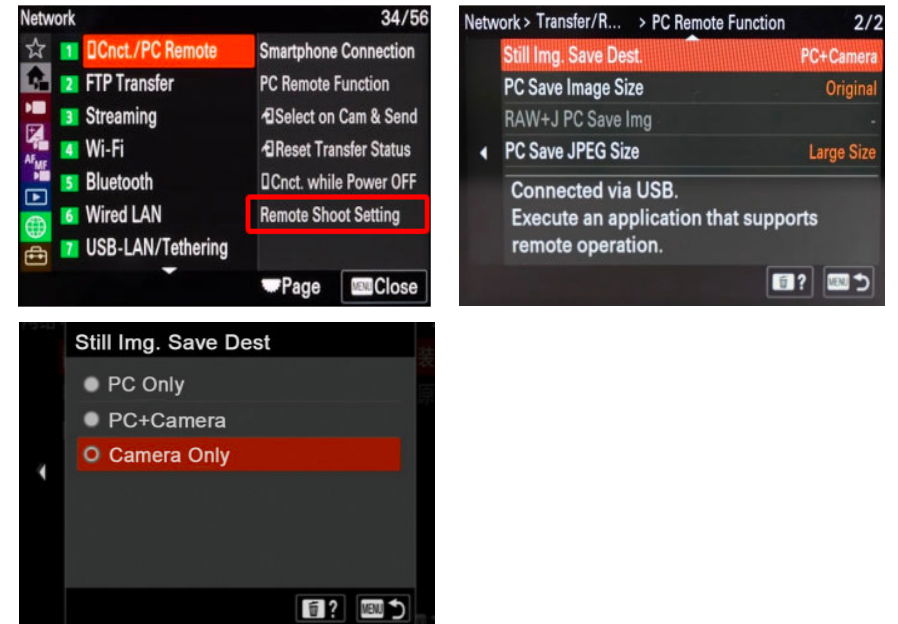
①. Menu- Network-Network option- Access Authen.Settings-OFF



②. Click **[OK]**if there is a confirming information pop up



(3) Still Img. Save Dest. set to **[Camera Only]**



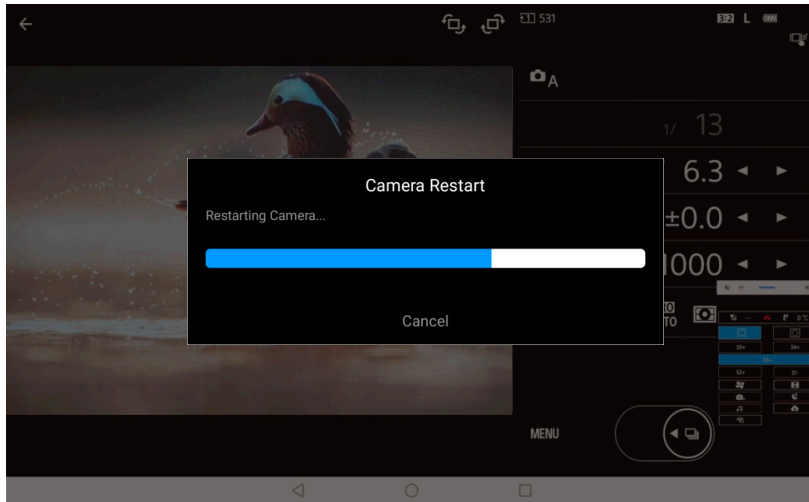
(4) Camera [Power Save Start Time] set to **[Off]** , With this setting, the camera will not automatically shut down.





Note:

- (1). Some models of Sony camera, [ Power save start time ] is not set to **【Off】**. Please select the longest time.
  - (2). If the camera has not been used for a while, it will enter deep sleep and the connection between the camera and the Wi-Fi will be lost.
- Solution: You can click the [Camera Restart] function in the RCA mini APP. After the camera restarts, wait for about 2 minutes and the camera will automatically connect to the Wi-Fi. Then, repeat the steps to open the Creators' APP.

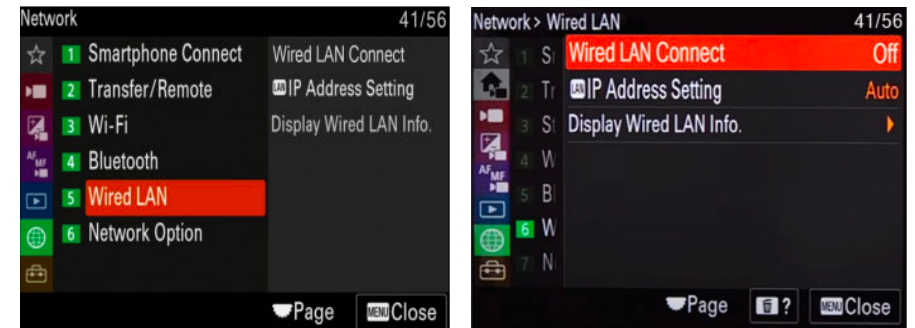


#### IV : Two methods to connect Sony camera to Wi-Fi of RCA mini

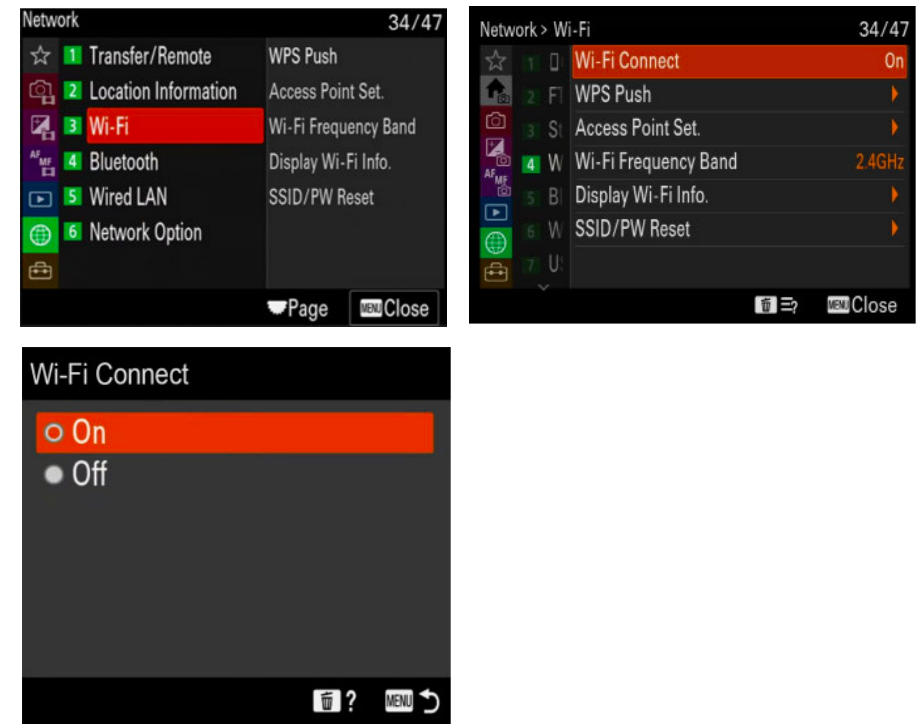
Method 1 : Sony camera connects to the Wi-Fi of the RCA mini wirelessly

(1) Sony camera connects to the Wi-Fi of the RCA mini

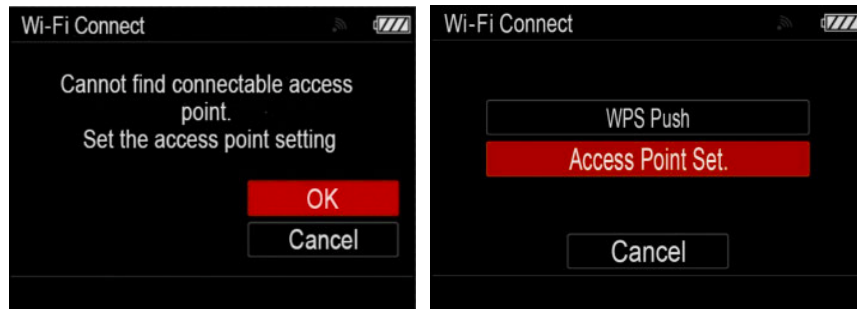
- ① Turn on the camera, **【MENU】 - 【Network】 - 【Wired Lan】 - 【Wired LAN Connect】** set to **【Off】** (Note: This item can be ignored for cameras without wired LAN connection function, such as A7M IV, A7S III, etc.)



② **【MENU】 - 【Network】 - 【Wi-Fi】 - 【Wi-Fi Connect】** set to **【On】**



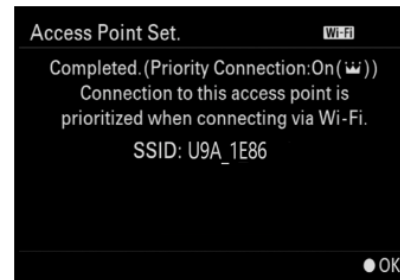
- ③ When the camera is connected to Wi-Fi for the first time, a message will pop up saying [Cannot find connectable access point. Set the access point setting], then click [OK] and select [Access Point Set.] in the pop-up window to automatically enter the Wi-Fi search page.



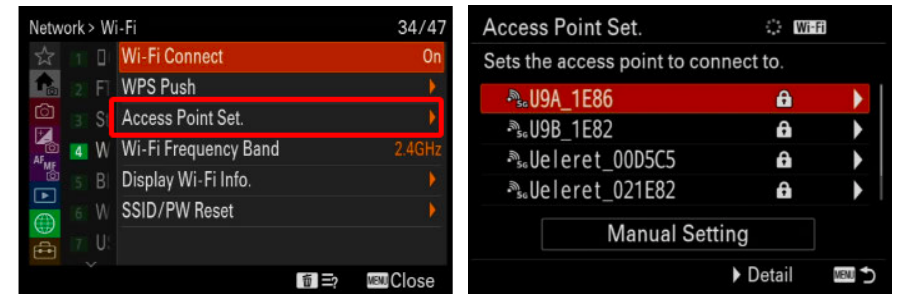
- ④ When searched the Wi-Fi named **U9A\_\*\*\*\*** , Click to connect, input the password: 12345678. Click **OK** to connect the Wi-Fi.



- ⑤ When the camera pops up the following prompt, it means the Wi-Fi connection is successful. You can proceed to the next step of network option settings.



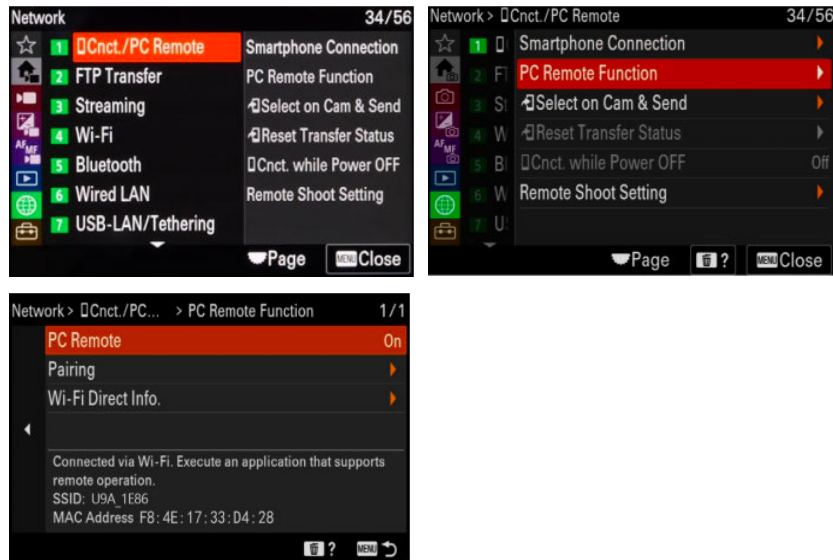
- ⑥ If this is not the first time you connect to WiFi, select [Access Point Set.] to enter the Wi-Fi search page.



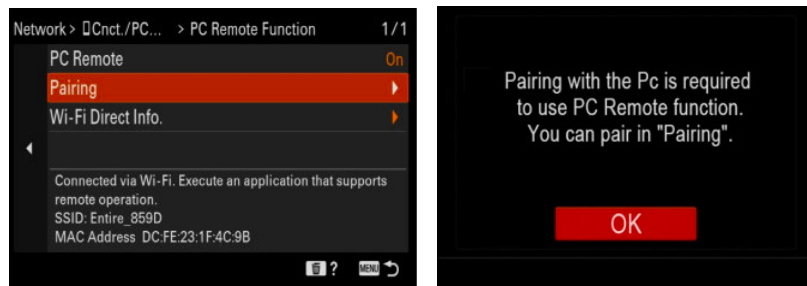
then, the operating same as no.④ , ⑤

## 2. Network option settings

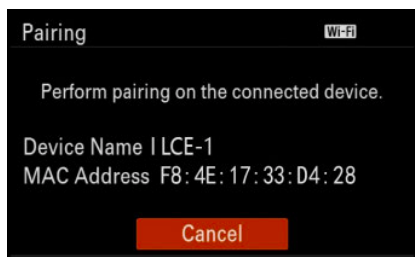
- (1) **【MENU】 - 【Network】 - 【Cnct/PC Remote】 - 【PC Remote Function】 - 【PC remote】** set to **【On】**



(2) Click **【Pairing】** , then click **【OK】** when the confirming information pop up.



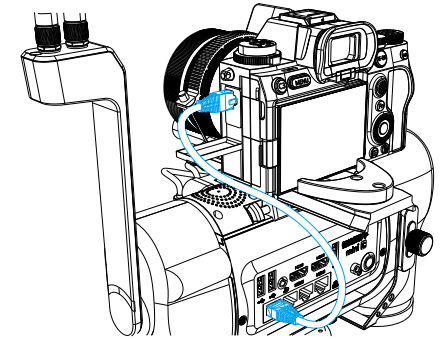
(3) When the "Pairing" pop-up appears on the pairing page, open the tablet app to connect.



## Method 2: Sony camera LAN wired connection to RCA mini network

### 1, Preparation

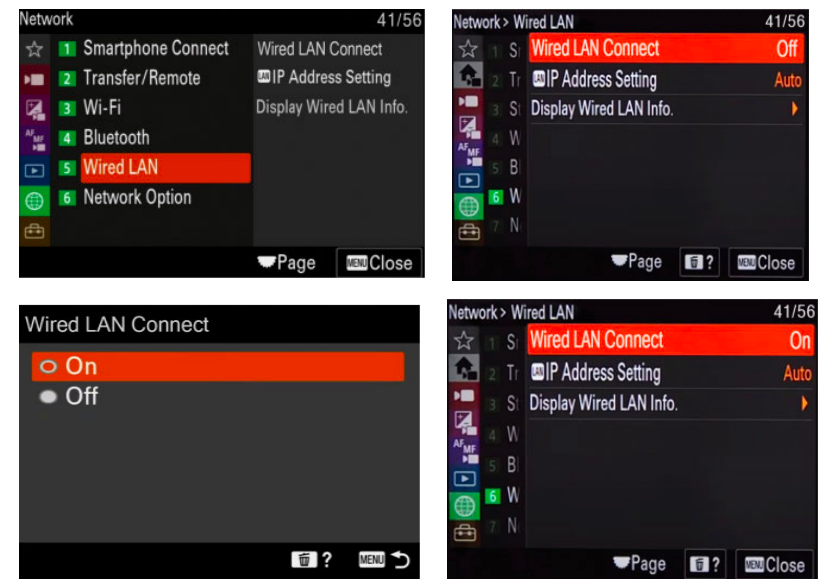
Prepare a Gigabit Ethernet cable and plug it into the LAN ports of the stabilizer and camera body respectively.



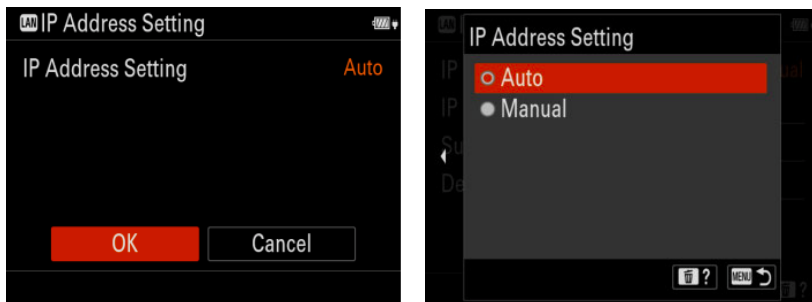
Alpha 1, Alpha 9 III, Alpha A 9 II ,  
ILMEFX6V models have LAN port.

### 2. Sony camera connected to RCA mini stabilizer end wired LAN network.

(1) Turn on the camera, **【MENU】** - **【Network】** - **【Wired LAN】** - **【Wied LAN connect】** s et to **【On】** (Note: A1、A9III models of Sony camera have wired LAN function)



(2) 【IP Address Setting】 set to 【Auto】

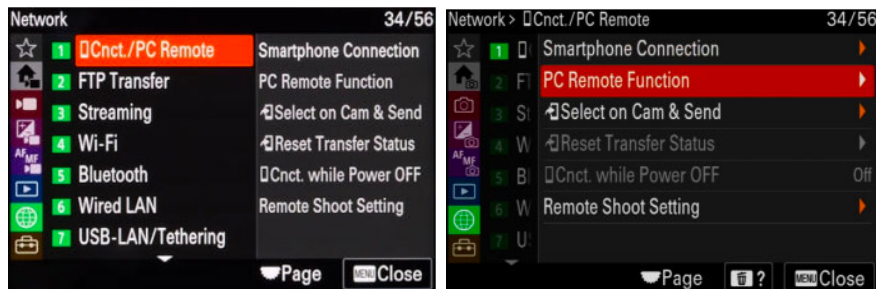


(3) Enter 【Display Wired LAN Info.】 , If the IP address information is displayed, it means the network connection is successful.

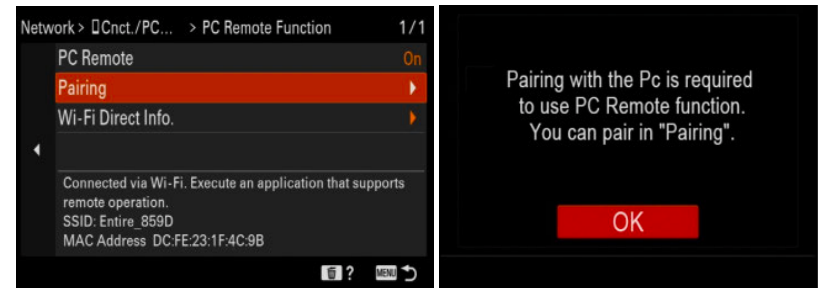


### 3. Network option settings

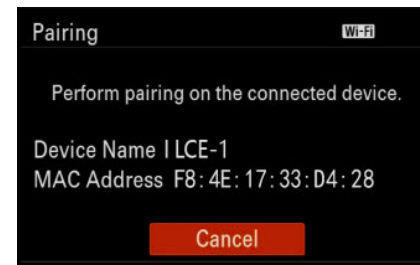
(1) 【MENU】 - 【Network】 - 【Cnct/PC Remote】 - 【PC Remote Function】 -Set to 【ON】 .



(2) Click 【Pairing】 , When the pairing prompt pops up, click 【OK】



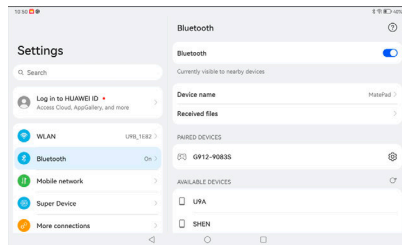
(3) When the "Pairing" pop-up appears on the pairing page, open the tablet app to connect.



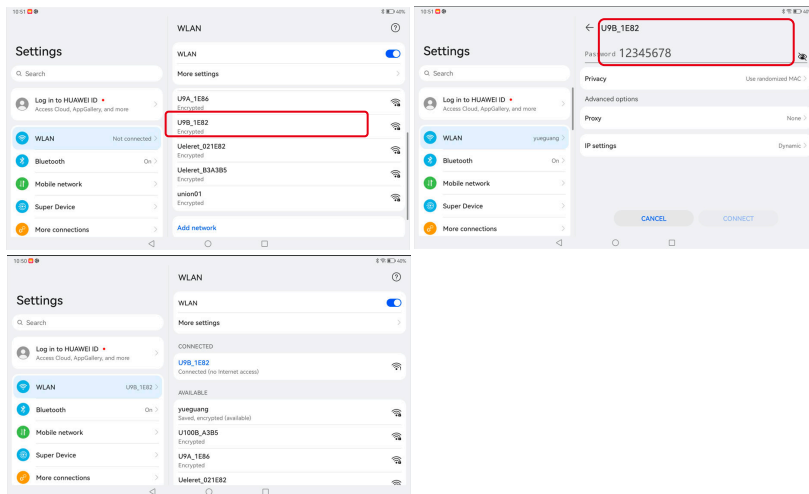
V : Operate shooting

(1) Sony Creators' App connect to camera and remote shooting

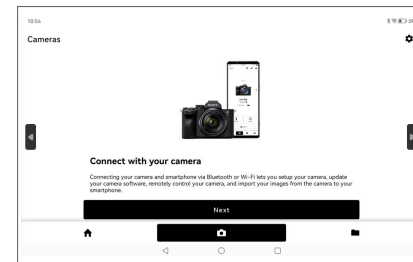
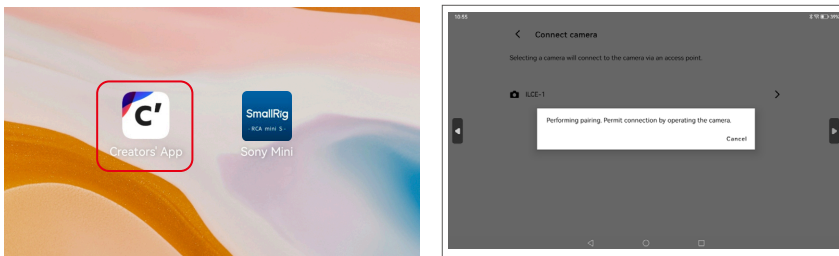
① Turn on the Bluetooth settings of the handle and tablet, and connect the tablet to the Bluetooth of the handle.



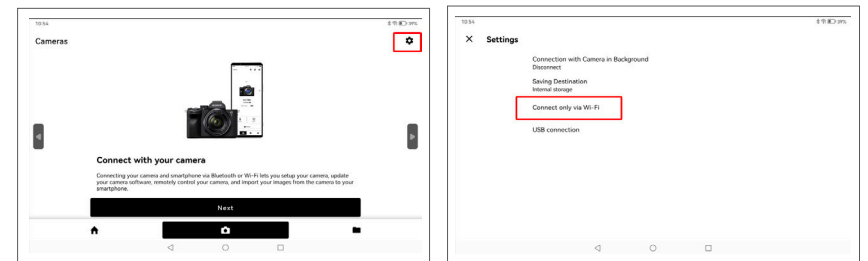
② Enter the Wi-Fi setting page of tablet, connect to the Wi-Fi named **【U9B\_\*\*\*\*】**, Wi-Fi password: 12345678



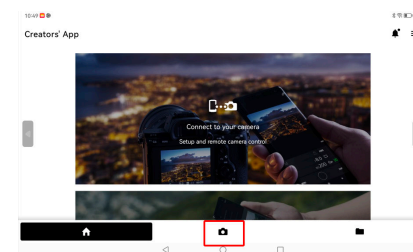
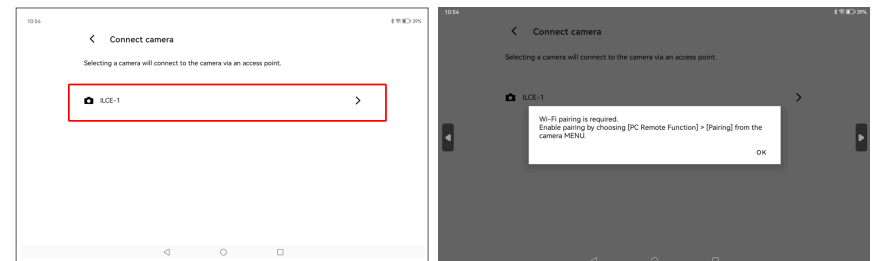
③ Open the Creators' App and click the camera icon at the bottom of the camera to enter the connection page



④ Click the settings icon in the upper right corner to enter the settings page and set the connection method to **【Connect via WiFi only】**.

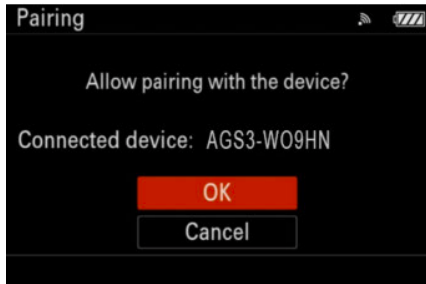


⑤ Click the camera that is identified in the list. A prompt will pop up asking you to pair with WiFi. Click **【OK】** and follow the prompts to set up the camera.



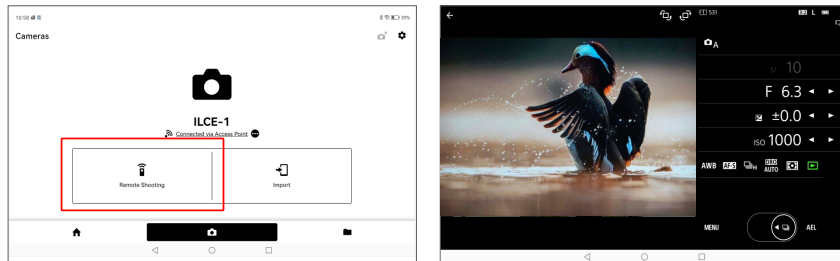


6. When the pairing prompt pops up on the camera, click [OK]



Note: AGS3-W09HN is the name of the tablet and will appear differently on each device.

7. Click [Remote Shooting] on the APP page to start controlling the camera shooting



8. Save the camera settings

After the above operations are completed, flip the power switch on the camera body, turn it off and then on again to save the camera settings. After turning on the camera again, repeat the previous (1) ④ ⑤ ⑦ items, and the APP can connect without operating the camera.

After saving the camera settings, during use, whether you operate [Camera Restart] [Sleep Settings], or exit Sony Creators' App, the camera and U9A\_\*\*\*\* always maintain communication. You can connect to the camera by operating the Creators' App alone.

If you do not operate the [Save Camera Settings] step, you will need to repeat all the steps the next time you connect.



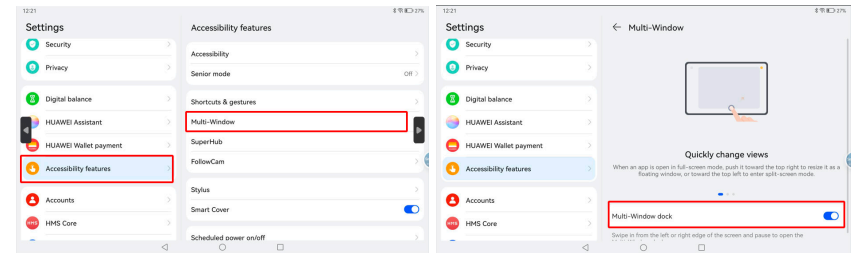
Flip the switch to restart the camera.

(2) How to use Sony Creators' App and RCA mini to control shooting

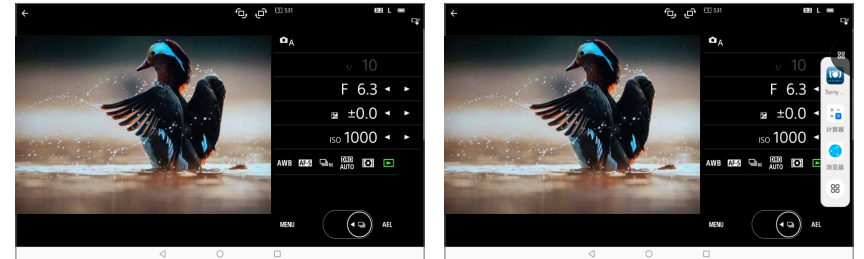
(1) Multi-window mode to control shooting

①. Install the RCA mini APP according to the instruction.

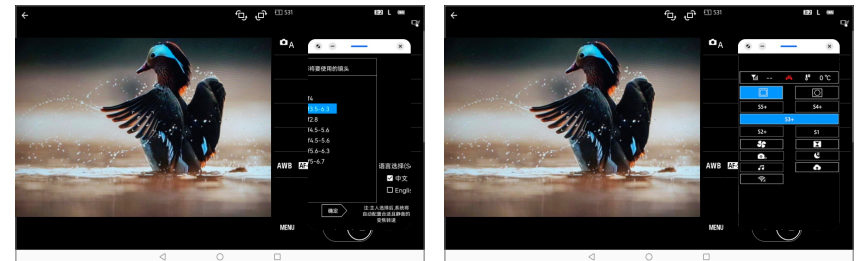
②. Open tablet settings - [Accessibility features] - [Multi-Window] - turn on [Multi-Window dock] (Take Huawei Hongmeng system as an example, other tablets may have differences, please check the tablet manual)



③. After successfully opening the Sony Creators' App to control the camera, use the tablet's multi-window function to open the RCA mini APP small window to run.



④. Select the lens focal length according to the RCA mini APP prompts and enter the control page.





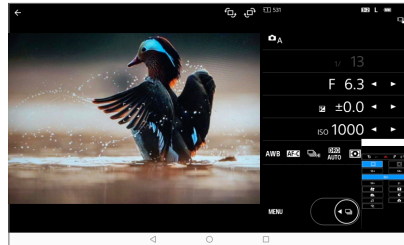
⑤. Press and hold the edge of the RCA mini APP to reduce the size of the interface and reduce the obstruction of the Sony Creators' App screen.

- a. Camera shooting control, directly click on the Sony Creators' App interface.
- b. RCA movement and zoom control, first click on the blank area of the RCA mini APP and then control it through the handle.

#### Usage tips:

How to prevent the RCA mini App from zooming in after it is reduced?

- (1). Do not click on the RCA mini App page quickly. If you click quickly, the RCA mini App page will zoom in, blocking the Creators' App screen, which is not conducive to shooting.
- (2). If you keep your finger on the reduced RCA mini App for a while, the RCA mini App page will not zoom in.



(2) Tablet + mobile phone are connected to control shooting separately, so that Sony Creators' App and RCA mini APP can shoot smoothly without interfering with each other.

- ①. After mounting the tablet on the handle, use the phone clamp accessory to fix the phone.

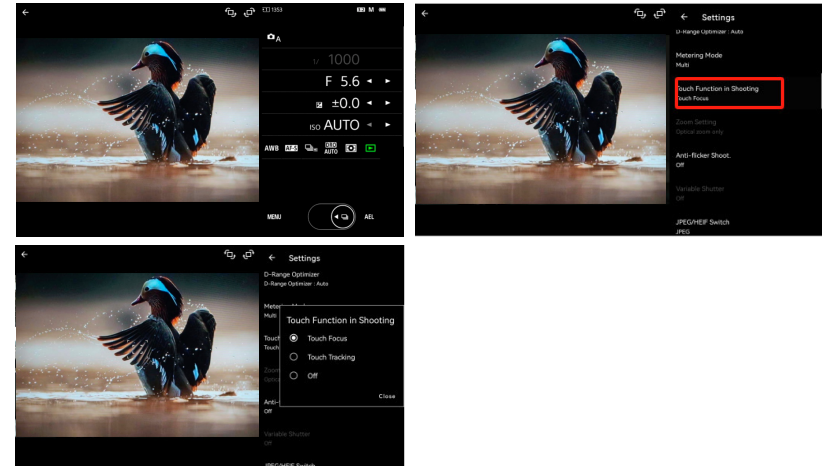


- ②. The tablet connects to the RCA mini Wi-Fi named 【U9B\_\*\*\*\*, 】 Login in the Creators' App to control the camera.
- ③. Install the RCA mini APP to mobile phone, Connect the WiFi 【U9B\_\*\*\*\*】 and Bluetooth 【G912-9083S】, and login Sony mini App to control the smart stabilizer.

### (3) Shooting settings

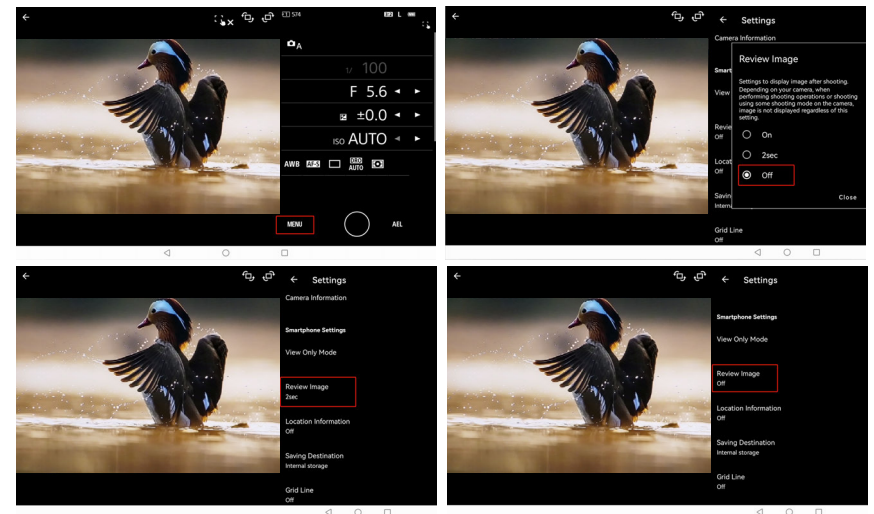
#### ①. Focus settings

In the Sony Creators' App camera interface, click [MENU] to open the settings, pull down to find the touch function during shooting, and select the touch focus mode.



#### ②. Review image settings

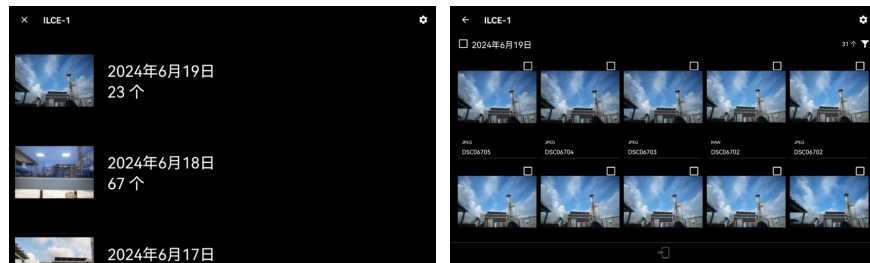
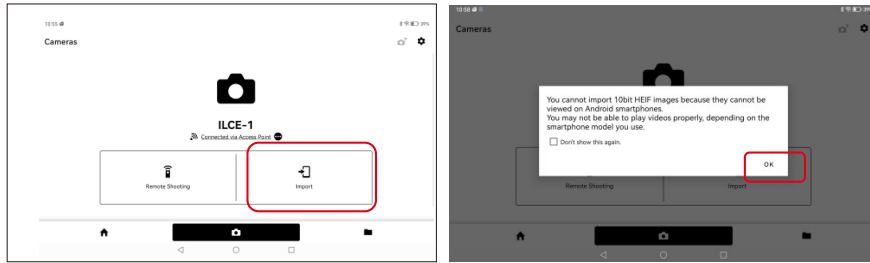
In the Sony Creators' App camera interface, click [MENU] to open the settings, pull down to find the [Review image] and set it to off.



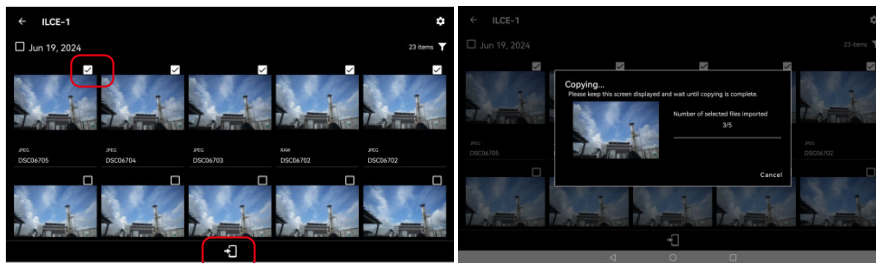
Turning off [Review image] will not affect shooting due to the appearance of the preview screen, ensuring continuous shooting.

#### (4) Photo playback and copy

- ① Enter the camera interface of the Creators' App - select [Import] and confirm according to the prompts to preview the photos



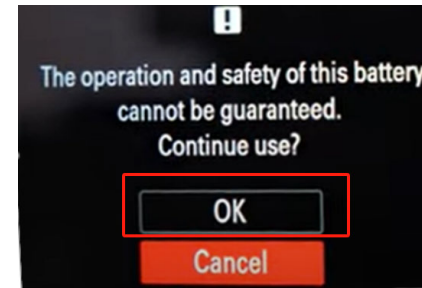
- ② In the preview state, check the box in the upper right corner of the photo and click the download icon below to copy the photo to your tablet



#### VI: Notes

- ① If the camera is not set to "no sleep", the camera will enter deep sleep if it is not used for shooting for a long time, and the camera and stabilizer WiFi will be disconnected. Click the [Restart Camera] function button on the RCA mini APP. After the camera restarts, wait for about 2 minutes and the camera will automatically connect to the stabilizer WiFi. Then, repeat the steps to connect the Creators' App.




- ② Battery reminder message appears on the camera screen



Don't worry if you see this reminder, and there is no need to click OK on the screen. Open the Creators' App and continue the operation. The reminder details will disappear automatically and will not affect the shooting operation.

- ③ Instructions for using the Android and IOS versions for handle and tablets

RCA mini App	Only Android version, Install to Android version tablet
Operating handle	Only Android version
Creators' App	Android version and IOS version

		Two apps are operated on the tablet at the same time	Only Android version
RCA mini App and Creators' App		Two apps are operated on the mobile phone at the same time	Only Android version
		Two apps are operated on the mobile phone and tablet separately	RCA mini App on Android version mobile phone Creators' App on Android version or IOS version tablet

4. If you use a Sony electric zoom lens, the Creators' App can directly drive the lens to zoom. Zooming is smoother. Sony electric zoom lenses include: FE PZ 16-35mm F4 G; FE PZ 28-135mm F4 G OSS; E PZ 10-20mm F4 G; E PZ 18-105mm F4 G OSS; E PZ 18-110mm F4 G OSS; E PZ 18 -200mm F3.5-6.3 OSS.

## Chapter 4 Operation Instructions on the Shooting Site

### 1. Preparation matters for operating the shooting scene

(1) Determine the distance between the subject and the smart stabilizer by visual judgment or using a rangefinder.

(2) Make sure there are no obvious obstructions between the installation location of the smart stabilizer and camera and the antenna of the handheld tablet computer operating terminal.

(3) The photographer holds a handle and a tablet, which can be separated from the signal repeater. The effective distance of separation is within 100 meters.

① If the subject is within a safe distance from the owner, there is no need to hide or block, and the owner will not affect the safety and movement of the subject, then the signal repeater can be placed next to the owner.

② If the subject is not within a safe distance from the owner, that is, the owner needs to hide and block it so as not to affect the safety and movement of the subject, then the signal transmitter needs to be separated from the owner's handheld operating handle and tablet.

③ The owner holds the operating handle and tablet and hides behind shelters and obstructions (such as in cars, behind woods, grass, rocks, etc.), and the signal transmitter is placed in an unobstructed position from the smart stabilizer antenna. (It can be erected on a tripod, hung on a branch, or placed on a high rock mound, etc.) The separation distance should not exceed 100 meters.

(4) Check the signal strength through the tablet, and adjust the position and angle appropriately to achieve a strong signal state.

(5) After the signal transmitter is placed, open the App of Remote camera assistant on tablet and signal transmitter, repeat steps in the previous chapter to check whether the functions of the tablet and handle are normal.

(6) After all functions ready enter the shooting stage. Wait patiently for your subject to appear.

(7) If the tablet cannot display the image sent by the smart stabilizer or the operation is not smooth, you need to check whether the Wi-Fi and Bluetooth connections in Chapter 3 are normal and whether the strength of each signal is normal. Check whether the tablet battery

and the signal transmitter battery are normal. Check one by one until normal.

(8) When the power of the tablet is less than 20%, it will seriously affect the efficiency of image decoding, and the screen will suffer from delays and blur. At this time, it needs to be charged or connected to a power supply battery. While charging, the tablet can be used successfully.

### 2. Instructions for shooting control

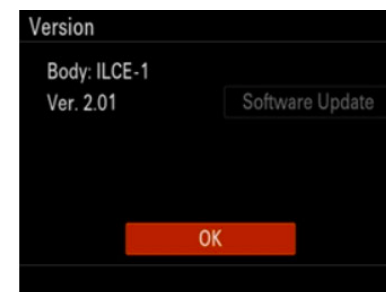
1) When the subject appears, adjust the stabilizer angle and camera focal length (only for zoom lenses) to make the subject appear at an ideal angle and position in the real-time display, then you can shoot as long as the exposure is appropriate.

2) Use the official App to adjust the camera shooting parameters, stabilizer angle, position, and exposure parameters. When the best state is reached, press the shutter button to shoot.

## Chapter 5 How to Update Camera Firmware

When the camera firmware version is inconsistent with the latest version on Sony's official website, you need to update the firmware.

### 1. How to check the firmware version number



### 2. How to update the firmware

1) Log in to Sony's official website, select the corresponding camera model, and follow the official website instructions to upgrade.

2) Taking A7S III as an example, the upgrade steps are as follows:

Enter the official website download center, search for the A7S III camera code "ILCE-7SM3", find the following firmware upgrade, select Mac or Windows system, click to enter, and follow the relevant instructions to upgrade.

**ILCE-7SM3**  
Alpha 7S III with pro movie/still capability / Included components may vary by country or region of purchase: BC-QZ1

[Specifications](#) [Product Highlights](#)

ILCE-7SM3

All **Downloads** Manuals Questions & Answers

### Downloads

Looking for Firmware Update of your camera?  
Find out where to find and how to update here.

Update your Camera Firmware on Windows  
Learn to update the firmware of your camera on a Windows computer.

Support by Sony mobile app  
Want to be notified once a brand new firmware update is available?  
Just bookmark your product on the app!

	Release Date
ILCE-7SM3 System Software (Firmware) Update Ver. 2.10 (Windows)	13/06/2022
ILCE-7SM3 System Software (Firmware) Update Ver. 2.10 (Mac)	13/06/2022

### ILCE-7SM3 System Software (Firmware) Update Ver. 2.10 (Windows)

Allows proxy recording during a remote computer connection

#### Applicable Model

This information is for the following models:

- ILCE-7SM3

#### About this download

##### Benefits and Improvements

- Allows proxy recording during a remote computer connection
- Improves the accuracy of the **Eye AF** feature
- Improves the stability of the custom white balance
- Improves eye sensor detection performance with strong light sources, such as sunlight
- Improves the operational stability of the camera

##### Previous Benefits and Improvements

[View previous benefits and improvements](#)

Disclaimer: As this product is an original patented product, there may be changes in its features or specifications in the future. In the event of any changes, please refer to the official website of our company. UELERET reserves the right to interpret any changes.