

SmallRig

Wireless Tethering Hub for Cameras [For Canon Cameras]



User Manual

Contents

Preface

Chapter 1 Introduction and use

1.Product diagram and startup steps.....	1
2,Use diagram.....	1
3,Battery life.....	1

Chapter 2 Compatibility and use

1,Compatible model.....	2
2,Remote control distance diagram.....	2
3,Description of Communication Distance.....	3
4,Equipment layout methods and usage tips to ensure smooth communication.....	4

Chapter 3 Multiple control modes

1,[One to many]mode.....	5
2,[Many to many]mode.....	6

Chapter 4 Operating method of Canon R5

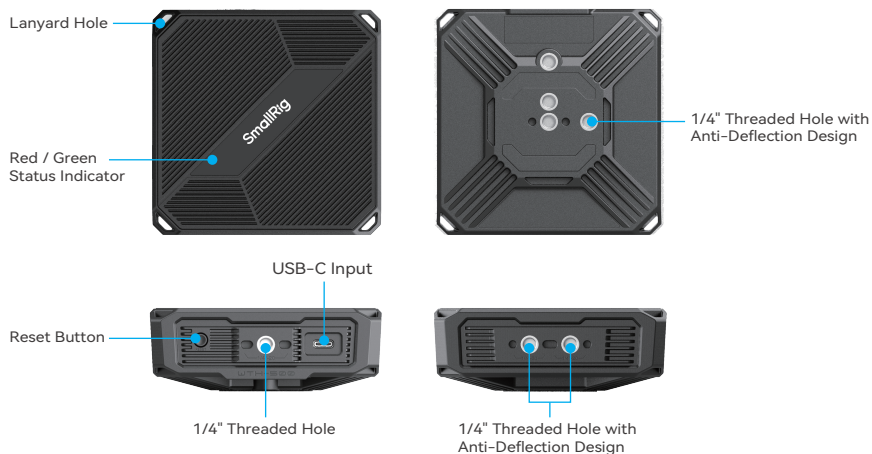
1,The first time connecting of camera and Wi-Fi, mobile phone(or tablet)	
Step1:Preparation.....	8
Step2: Steps to Connect the Camera to the Wireless Tethering Hub for Cameras [SmallRig_5G_****] Wi-Fi	10
Step3:Canon Camera Connect App connects to camera.....	13
2,Connection between camera and Wi-Fi and App after paring.....	17
3,Features of the R5 on Canon Camera Connect App.....	20

Chapter 5 Operating method of Canon R3

1,The first time connecting of camera and Wi-Fi,mobile phone(or tablet)	
Step1:Preparation.....	21

Step2:Connecting steps of camera and camera remote.....	21
Step3: Camera connects to Canon Camera Connect App.....	24
2,Steps to Connect the Camera to the Wireless Tethering Hub for Cameras [SmallRig_5G_****] Wi-Fi	26
3,Features of the R3 on Canon Camera Connect App.....	30
Chapter 6 Operating method of Canon R6	
1,The first time connecting of camera and Wi-Fi,mobile phone(or tablet)	
Step1:Preparation.....	31
Step2:Reset the camera communication.....	31
Step3:Steps to Connect the Camera to the Wireless Tethering Hub for Cameras [SmallRig_2.4G_****] Wi-Fi	32
Step4:Camera connects to Canon Camera Connect App.....	34
2,Connection between camera and Wi-Fi and App after paring.....	38
3,Features of the R6 on Canon Camera Connect App.....	40
Chapter 7 Solutions to some problems in use	41
Chapter 8 Product specifications	44

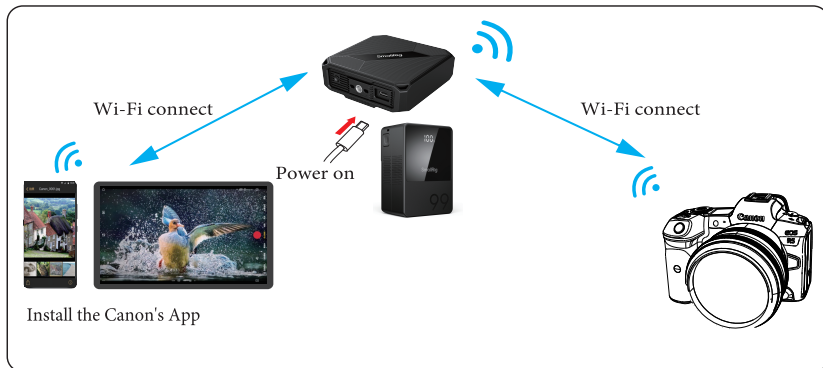
Chapter 1 Introduction and use



Note: The power supply can be a power bank with 5V==3A output.

1. Connect the power supply;
2. The "SmallRig" indicator changes from red to green, indicating successful startup;
3. Wait for approximately one minute, and the smartphone will detect the Wi-Fi signal
[SmallRig_5G_****] [SmallRig_2.4G_****]

2, Use diagram



(1) Users must prepare the power bank, camera, and smartphon (or tablet) themselves.

3 Battery life

Battery life test data of PRLV 500					
Battery model	Battery capacity (Wh)	Working voltage (V)	Working current (A)	Power (W)	Actual battery life(H)
XIAOMI power bank/10000mA	37	5	0.6	3	9

Note:

1. The battery life will vary depending on the battery.
2. The battery life will vary slightly when connecting to different models of cameras.
3. The measured data is for reference only

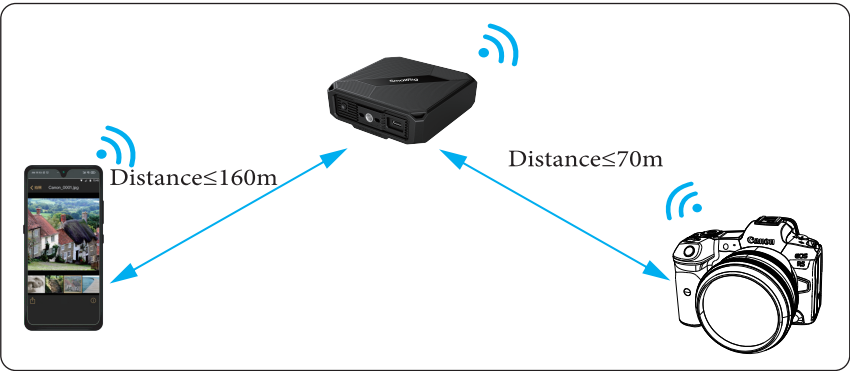
Chapter 2 Compatibility and use

1,Compatible models

Network mode		Camera model		Remote control distance			
				Distance between mobile phone and camera remote	Distance between camera remote and camera	Total remote control distance	Distance to ground
Wi-Fi Dual Band	5.8G	Mirrorless camera	EOS R1,R5Ⅱ	≤220m	≤80m	≤300m	2m
	2.4G		R3,R5,R5C	≤160m	≤70m	≤230m	2m
Wi-Fi Single Band	2.4G	Mirrorless camera	EOSR6,R6Ⅱ ,R7,R8,R10,R50,R100	≤130m	≤55m	≤185m	2m
		DSLR camera	EOS 1DXⅢ,90D,	≤130m	≤55m	≤185m	2m

II. Schematic Diagram of Remote Control Distance

Test Environment: Open riverside area with no obstructions; both the Wireless Tethering Hub for Cameras and the camera are mounted at a height of 2 meters, with good communication conditions;
Schematic Diagram of Communication Distance Between Smartphone, Wireless Tethering Hub for Cameras, and Camera.





III. Description of Communication Distance for the Wireless Tethering Hub for Cameras

1. Device Layout

Ensure there is no obstruction or slight obstruction between devices; heavy obstruction will cause signal interruption and latency.

The camera should be kept off the ground, and the Wireless Tethering Hub for Cameras should be placed close to the camera.

The higher the Hub is mounted, the stronger the signal and the longer the communication distance.

2. Device Performance

Newly Released Camera + High-Performance Smartphone = Longer Communication Distance.

3. Communication Frequency Band Selection

Wilderness/Uninhabited Areas: Use the 5.8 GHz frequency band for the longest remote control distance.

Urban/Interfered Areas: (e.g., near stadiums or base stations): Use the 2.4 GHz frequency band; the remote control distance is shorter but more stable.

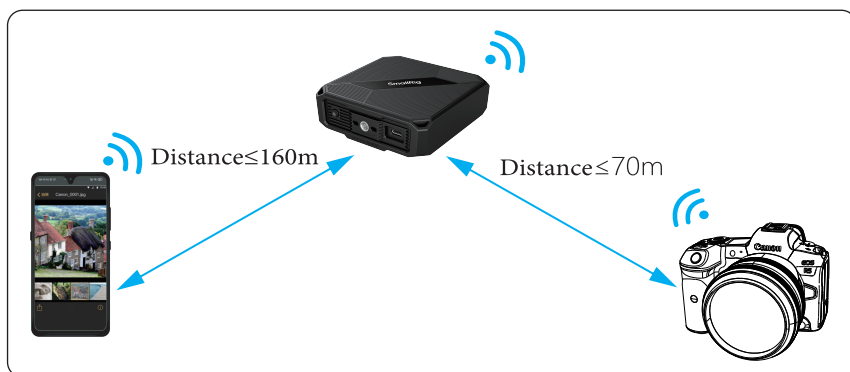
IV. Device Layout Methods and Tips for Ensuring Smooth Communication

1. Smooth communication between the Wireless Tethering Hub for Cameras, camera, and smartphone (or tablet) is key to smooth shooting.

2. A triangular layout is an effective way to avoid obstructions.

Concealed Shooting Layout:

Wireless Tethering Hub for Cameras: Mounted at a commanding height (e.g., tripod, tree branch, or rock)



Camera: Placed close to the subject

Operating End: Can be hidden behind cover (e.g., inside a vehicle, in bushes, etc.)

Depression Shooting Solution:

Camera: Placed in the depression

Wireless Tethering Hub for Cameras: Must be mounted at a commanding height. An extension bracket is recommended

3. Device Maintenance

Keep the device battery level above 20%.

Impact of Low Battery Level: Picture latency will increase by 30-50%, and image quality will be automatically reduced.

4. Troubleshooting Process:

- ① Check the Wi-Fi connection status
- ② Confirm the device power supply is functioning properly
- ③ Verify the camera connection status
- ④ Restart the entire system if necessary

Chapter 3 Multiple shooting mode

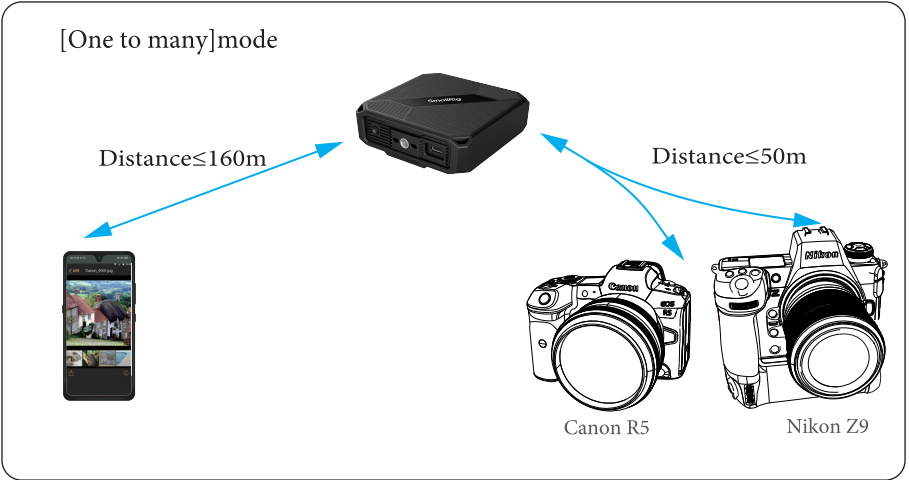
The Wireless Tethering Hub for Cameras supports [One-to-One], [One-to-Many], and [Many-to-Many] modes.

I. [One-to-Many] Mode

1. [One-to-Many] Mode Description

One smartphone can remotely control 2 (or 3) cameras to shoot. It can be used with a combination of different models from the same brand or different brands; however, only compatible models from Canon, Nikon, or Sony are supported.

Camera model	Qty of cameras	Qty of mobile phones	App
Canon R5	1	1	Camera Connect App
Nikon Z9	1		SnapBridge App
Total	2	1	Note: Canon/Nikon can be changed to Sony cameras(Install Creators' App)



2. [One-to-Many] Mode Operation Methods and Requirements

(1) Connect 2 cameras and 1 smartphone to the Wi-Fi [SmallRig_5G_****] at the same time

(2) The same smartphone must have brand-specific Apps installed (e.g., Sony Creators' App, Canon Camera Connect)

(3) Launch the Sony App → Connect to the A1 camera → Complete shooting

(4) Exit the Sony App → Launch the Canon App → Connect to the R5 camera → Complete shooting.

(5) One smartphone can remotely control 2 cameras, but simultaneous shooting with both cameras is not supported. You must switch between brand-specific Apps.

Open one App, connect to its corresponding camera, and start remote shooting; exit the App, then open the other app;

3. Functions of [One-to-Many] Mode

(1) Multi-camera setup for shooting the same target from multiple angles and directions.

(2) Capture image materials from different angles in one shoot to present the subject's full view or details in a three-dimensional way.

4. Precautions

The more cameras connected simultaneously, the more congested the communication channel will become, and the lower the communication quality will be.

II. [Many-to-Many] Mode

1. [Many-to-Many] Mode Description

One Wireless Tethering Hub for Cameras (WTH-500) can remotely control up to 3 cameras simultaneously for shooting.

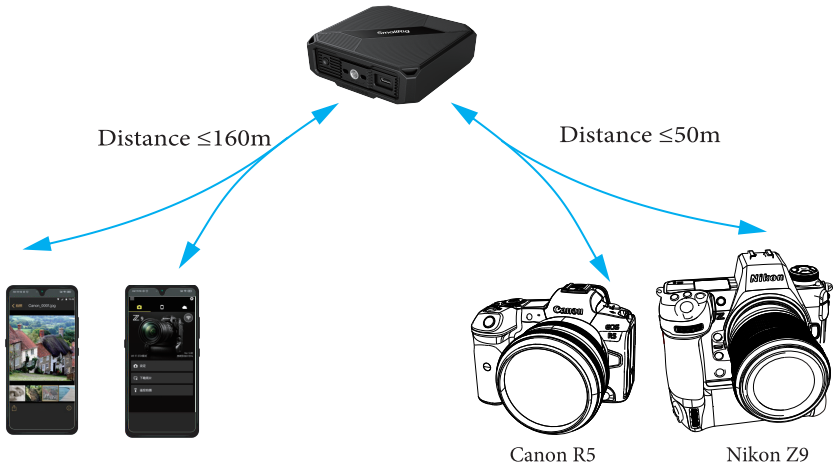
Cross-brand model mixing is supported; however, only compatible models from Canon, Nikon, or Sony are allowed.

For example: 2 smartphones and 2 cameras connect to the Wi-Fi of one Wireless Tethering Hub for Cameras at the same time. Simultaneous remote control of 2 cameras for shooting is supported.

For example: Two photographers go shooting together with only one Wireless Tethering Hub for Cameras (WTH-500). Both can use this single Wireless Tethering Hub for Cameras: connect their respective smartphones and cameras to the Wi-Fi, operate independently, and remotely control their own cameras for shooting.

Camera model	Qty of camera	Qty of mobile phone	App
Canon R5	1	1	Camera Connect App
Nikon Z9	1	1	SnapBridge App
Total	2	2	Note: Canon/Nikon can be changed to Sony cameras(Install Creators'App)

[Many to many]mode



2. Operation Methods and Features

- (1) Connect 2 cameras and 2 smartphones to the Wi-Fi [SmallRig_5G_****] respectively;
- (2) Both smartphones can use their respective Apps at the same time to remotely control their corresponding cameras for shooting;
- (3) One smartphone controls one camera for photo shooting, and the other controls the other camera for video recording; both can switch between photo and video modes as needed.
- (4) Two-person collaboration: Each person operates one camera independently;
Single-person dual control: Use two smartphones to operate separately.

3. Value of [Many-to-Many] Mode

(1) Multi-camera collaboration: Synchronously capture multi-angle materials of the same target (e.g., front, side, top view, etc.)

(2) Multi-target coverage: One system can shoot 2 to 3 adjacent targets simultaneously

4. Precautions

The more cameras connected simultaneously, the more congested the communication channel will become, and the lower the communication quality will be.

Using Canon cameras (taking the R5, R3, and R6 as examples), explain how to connect the camera to a smartphone (or tablet) via Wi-Fi and how to use the official application.

Chapter 4 Operating method of Canon R5 camera

1, The camera is connected to Wi-Fi/mobile phone(or tablet) for the first time

Step 1: Preparation

(1) Download and install the Camera Connect App. to your phone or tablet



Note: Please download the App from official website or browser, do not download from the App store of mobile phone

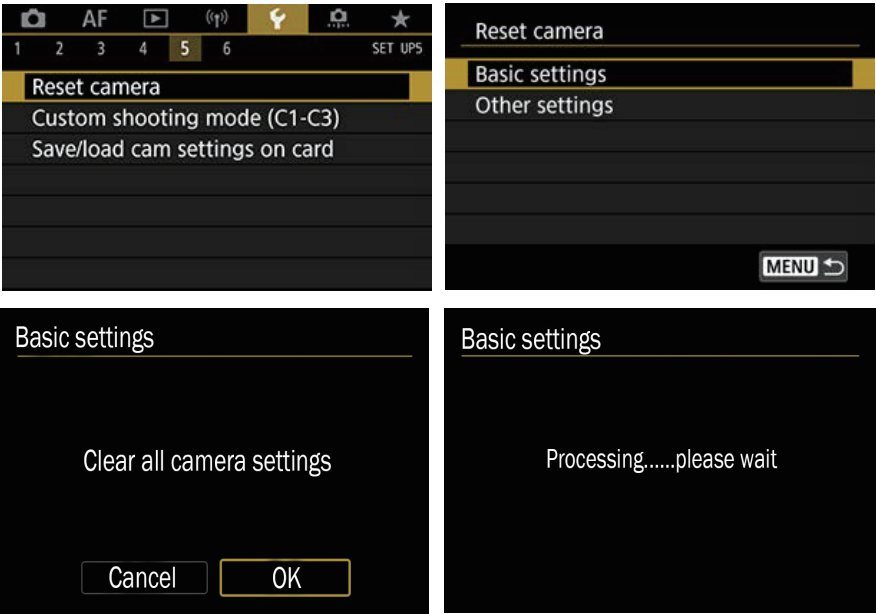
(2)Upgrade the camera firmware or ensure that it is the latest firmware .

Cameras that do not meet the firmware version requirements cannot connect to the external network with the Camera Connect’ App. For methods to check the firmware version number and how to upgrade the firmware, see Point 5 in Chapter 3 of this manual.

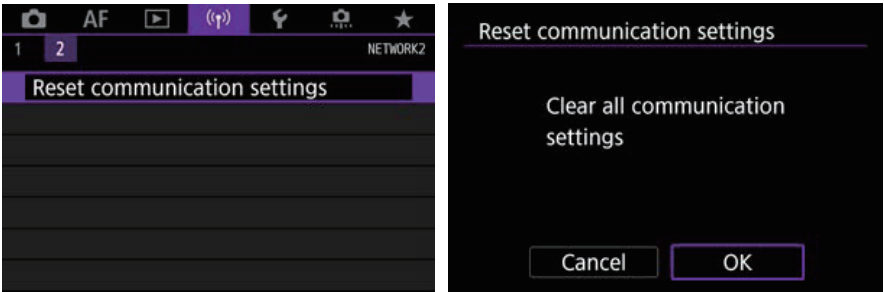
(3)Camera initialization

- ①The firmware has just been upgraded and the camera does not need to be initialized
- ②Before using the camera remote, if the camera has multiple custom settings, or other communication methods such as mobile phones are used to remotely control shooting, it is difficult to restore to the original state through the [MENU] menu settings. You can initialize and quickly restore the camera as following:

Settings: Clear all camera settings



Communication setting: Communication reset -OK

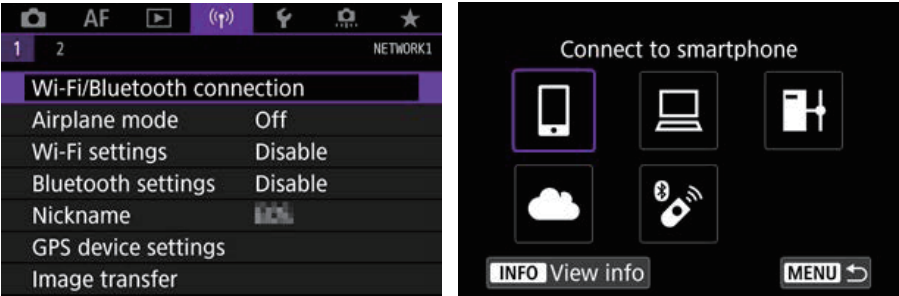


Step 2: Steps to connect the camera to the Wireless Tethering Hub for Cameras (WTH-500) [SmallRig_5G] Wi-Fi

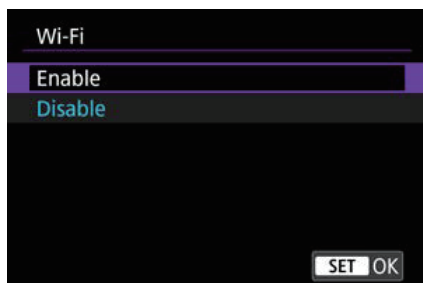
- Basic setting
- Click MENU
- [Airplane Mode] is set to [Off][Wi-Fi Settings] is set to [Enable]
- [Bluetooth Mode] is set to [Off]
- Select[Wi-Fi/Bluetooth connect]-[Set]



Select[Smartphone](same selection even on tablet),-[Set]



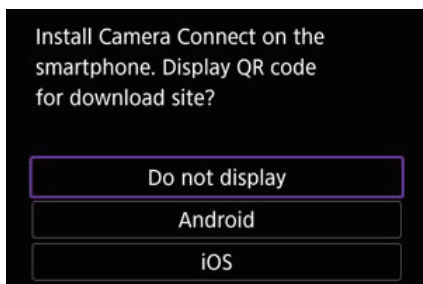
Click [OK]



Click[SET]



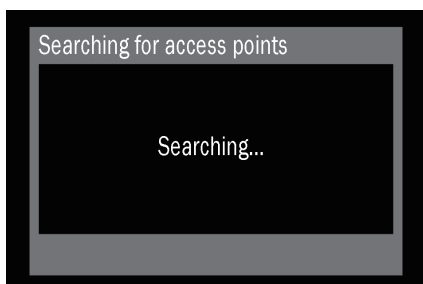
Select[Do not display, Click[SET]



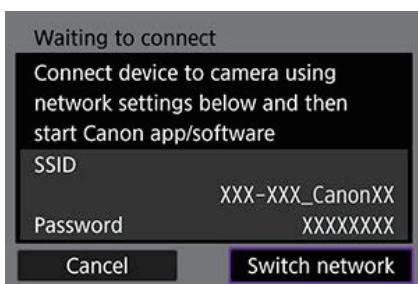
Select[Connect via Wi-Fi],click[SET]



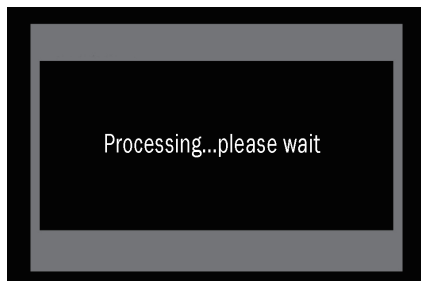
Please wait



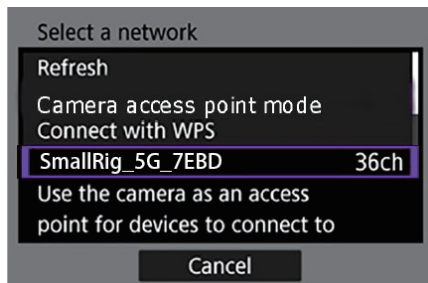
Select[Switch network],click [SET]



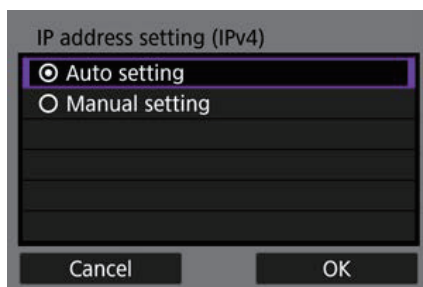
Please wait...



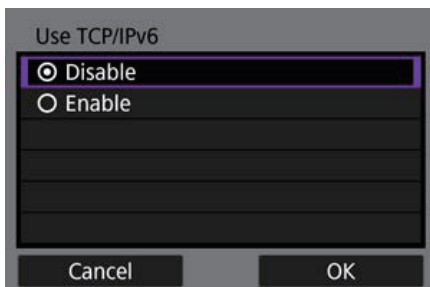
Select 【SmallRigr_5G_****】 , click[SET]



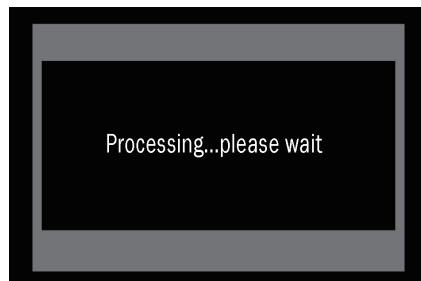
Select[Auto] settings, click[OK]



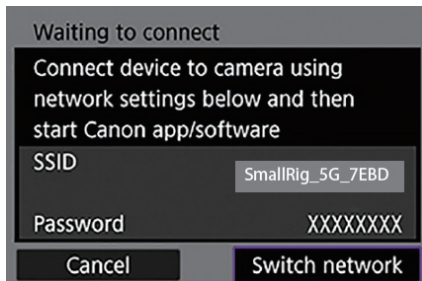
Select[Disable],click[OK]



Please wait...



Please wait...



Start to operate the App on the mobile phone/tablet.



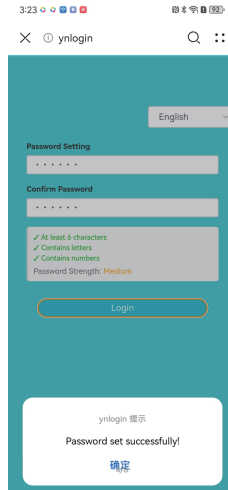
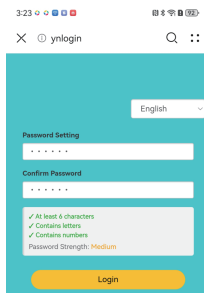
Step 3: Connect the camera on Canon Camera Connect App

1. Confirm the Wireless Tethering Hub for Cameras is turned on, open the Wi-Fi settings on the smartphone, search for the Hub's Wi-Fi [SmallRig_5G_****], tap [Connect], and the password setup page will appear.



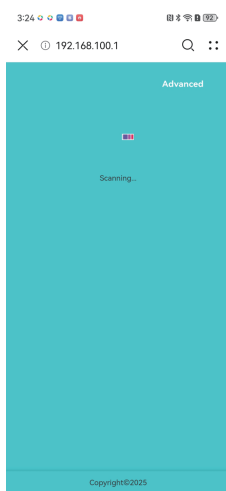
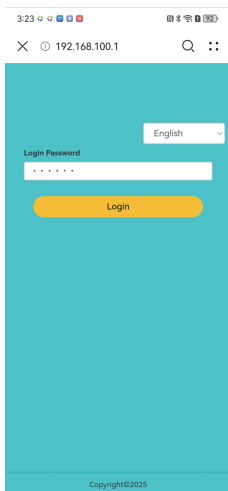
2. Set the password:

- A password is required for every use;
- Be sure to remember it; if forgotten, reset the Hub to factory settings (see reset instructions on page ***)
- Password requirements: Must include letters and numbers; choose a memorable password (e.g., aaa666).
- After connecting to Wi-Fi [SmallRig_5G_****], the password setup page should appear automatically. If it doesn't, open a browser and manually enter [192.168.100.1].



Enter the password and tap [Login]

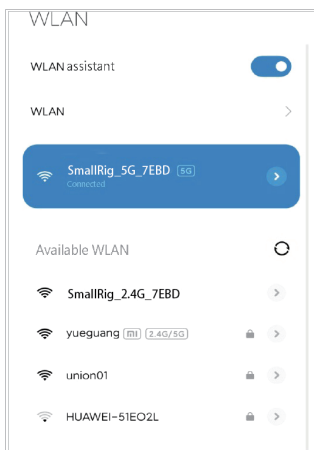
A [Password Setup Successful] notification will appear, Tap [OK]



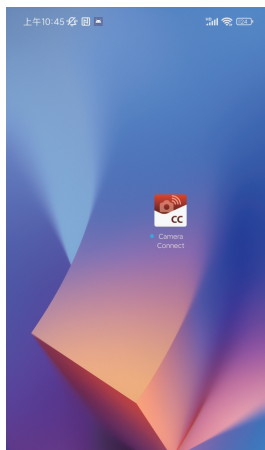
Enter the password you just set again and tap [Login]

Scan

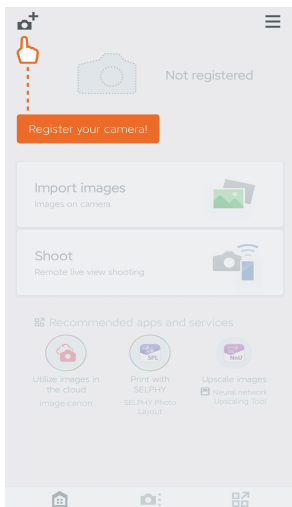
After scanning is complete, this page will pop up; exit and navigate to the WLAN Wi-Fi page



Tap [SmallRig_5G***];
a [Connected] status will be displayed;
then proceed to the next step

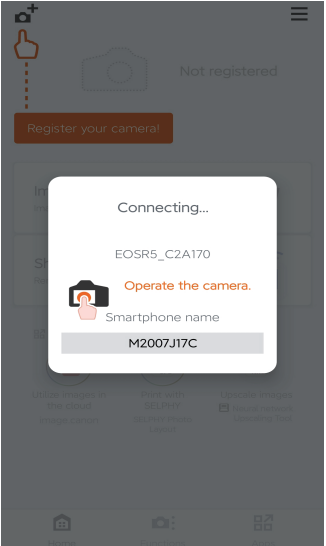
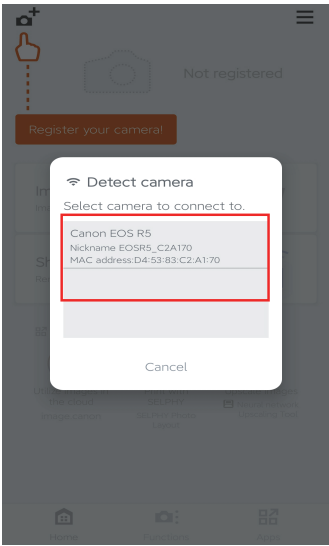


Return to the home screen
and open the Canon App



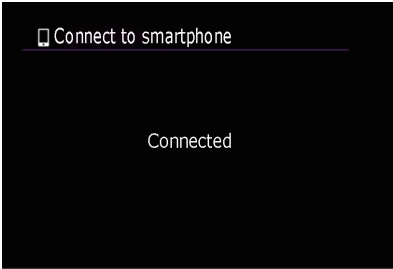
Register the camera

Following the steps prompting ,Click Canon EOS R5

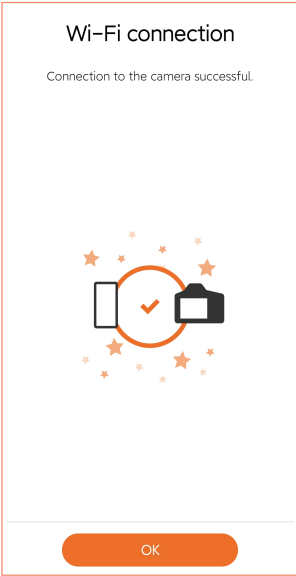


Click [OK] on this page

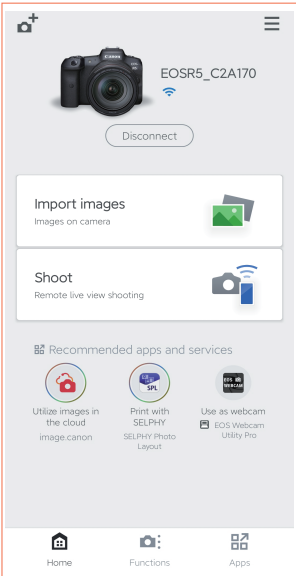
Click [OK] on this page



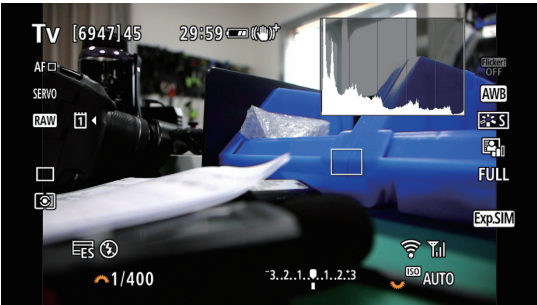
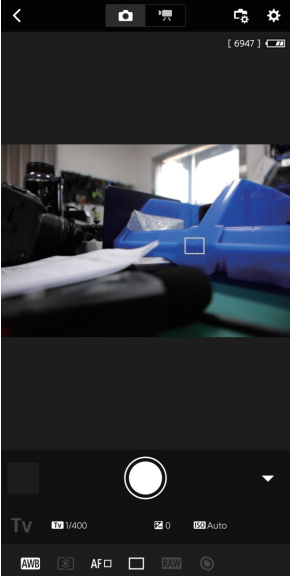
Click[OK] on this page on mobile phone



Connected, then click [Remote shooting



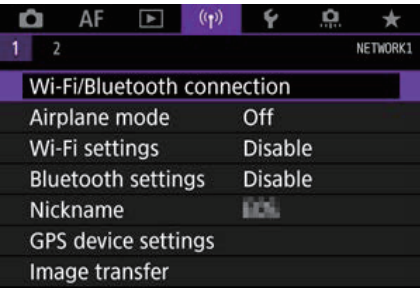
The app screen shows the image of the lens, which is exactly the same as the camera screen.



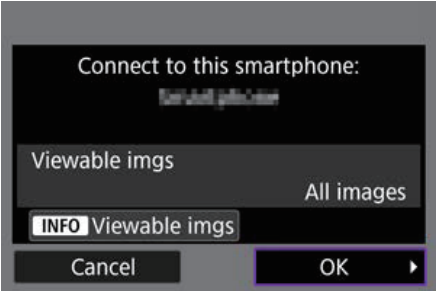
Press the [white circle] on the phone to start shooting

2,Connecting between camera and Wi-Fi and App after pairing

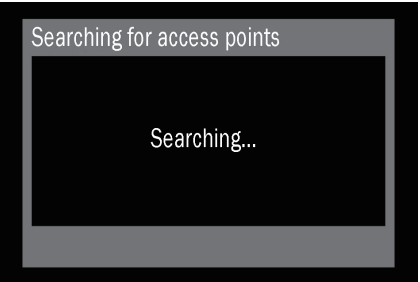
Click[MENU]-[Wi-Fi/bluetooth connect]-[Set]



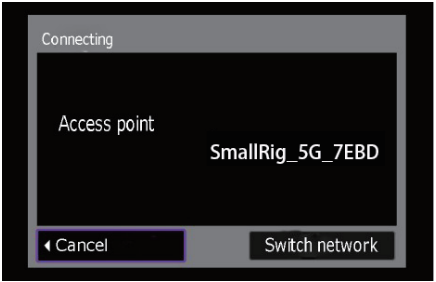
It will show[*****] on this page, click[Confirm]



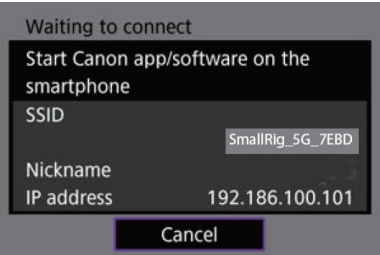
Please wait...



Click[Switch network],click [OK]



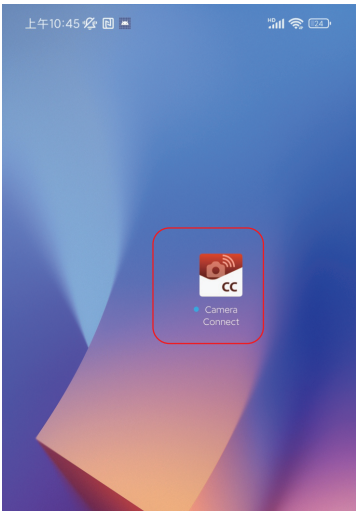
Please wait



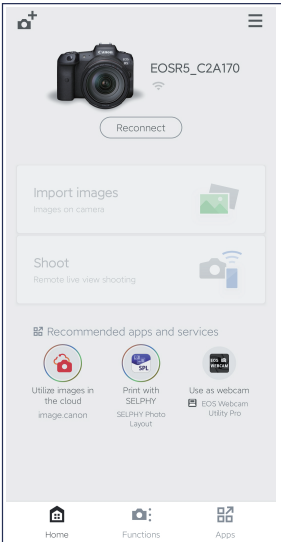
Take the Smartphone /tablet with Canon Camera Connect App



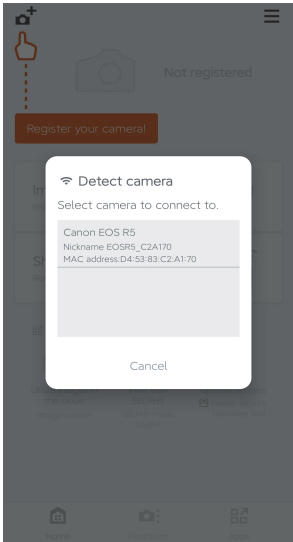
Then search and connect the Wi-Fi[SmallRigr_5G_****] , open the App.



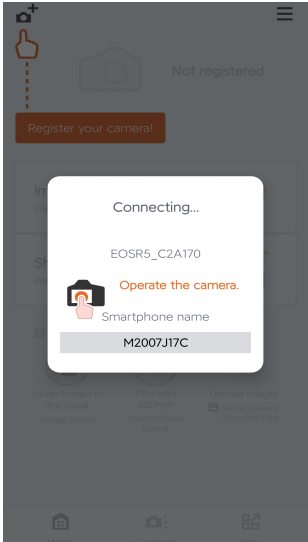
Click[Reconnect]



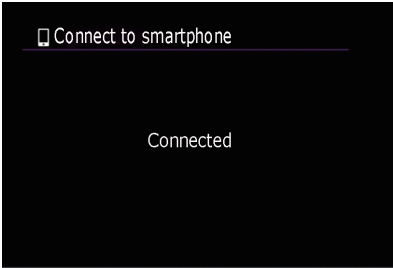
Click Canon EOS R5



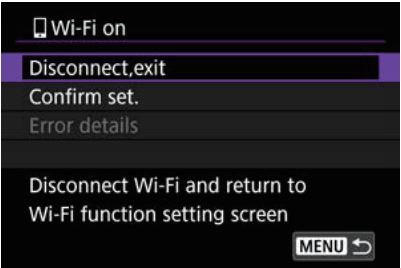
Please wait



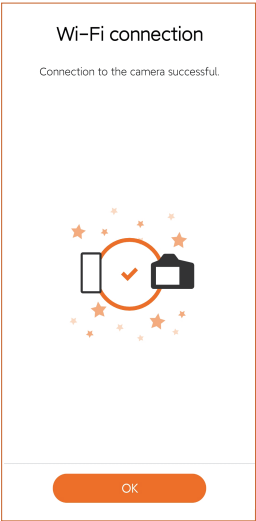
This page will pop up on camera



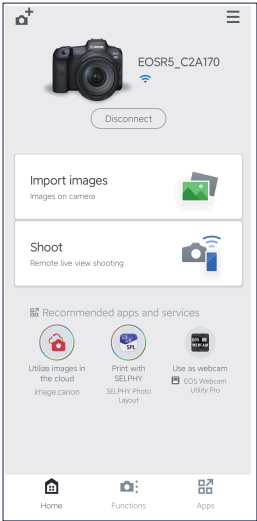
And this page will pop up



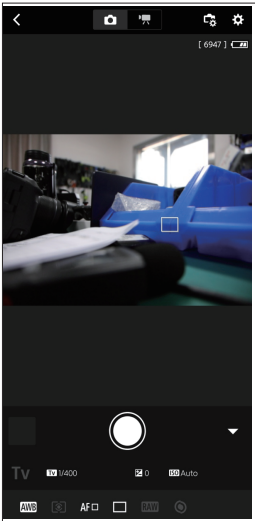
Click[OK]



Click [Remote shooting]



Press the [white circle] on the phone to start shooting



3,Use features of R5 on Canon Camera Connect App

(1)Communication features

The camera and App have a memory function, so they can connect quickly when reconnecting.

①Memory function

A,It refers to a fixed mobile phone and camera, If you change a mobile phone,or reinstall the App on a mobile phone and connect it to the camera, you need to reconnect,The paired camaras will be saved in the camera,you need to create a new pairing.

B,If you cannot distinguish between the paired phone and camera, you can delete all the paired information or initialize the camera.

②The camera will remain connected to the Wi-Fi without powering off and restarting

A,Exit and re-enter the App ,The app remains in the shooting state.

B,If you select [Disconnect] when exiting the App, enter again,click[Reconnect],need to wait for 3-5 minutes.

C,If you select [Disconnect] when exiting the App,and disconnect the SmallRigr_5G_****, before reentering,your mobile phone need to connect the Wi-Fi SmallRigr_5G_****,then enter the App and click[Reconnect],need to wait for 3-5 minutes.

③The camera power off and restart

(A) The communication between the camera and the Live View Relay cannot connect automatically. It is necessary to manually reconnect to the network through the camera body. The connection information for the R5 camera and the Live View Relay is retained in the camera body, making the procedure somewhat more streamlined.

(B) Once the camera is connected to the Live View Relay's network, the app can also quickly establish a connection with the camera by following the operational steps.

(2). Features of Canon Camera Connect App

Brand	Model	Camera shooting mode setting	Canon Camera Connect		
			Photo mode	Video mode	Switch between photo shooting and video recording
Canon	R5	Single shot	Single shot/Continuous shot available Exposure mode available		OK,All exposure modes can be switched and selected
		Continuous shot	Single shot/Continuous shot available Exposure mode available		OK,All exposure modes can be switched and selected
		Video mode		Video exposure mode optional	No. only video mode

Chapter 5 Operating method of Canon R3 camera

1, The camera is connected to Wi-Fi/smartphone(or tablet) for the first time

Step1:Preparation Same as the explanation of R5

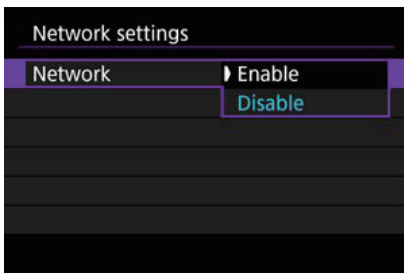
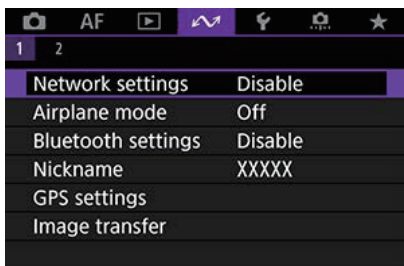
Step 2:R3 Steps to connect the camera to the Wireless Tethering Hub for Cameras (WTH-500) [SmallRig_5G] Wi-Fi

(1)Basic setting

[Airplane Mode] is set to [Off]

[Wi-Fi Settings] is set to [Enable]

[Bluetooth Mode] is set to [Off]



MENU button

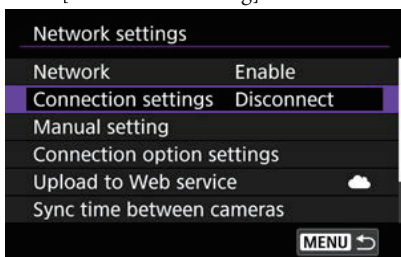


R3

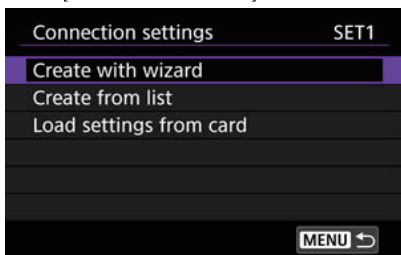
SET

(2) Connection settings

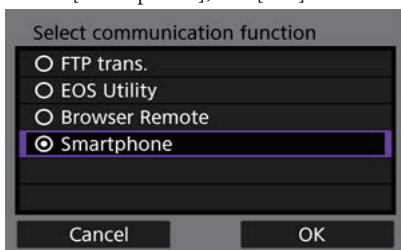
Click[Connection setting]



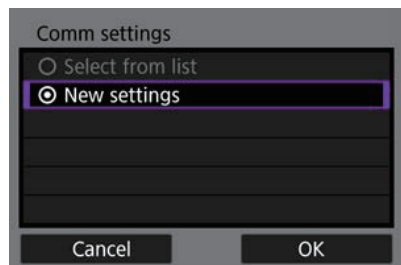
Click[Create with wizard]



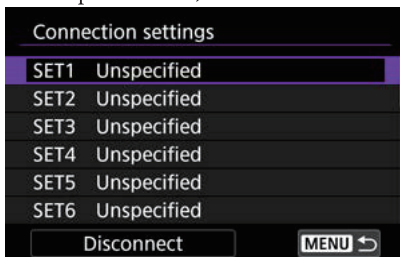
Select [Smartphone],click[OK]



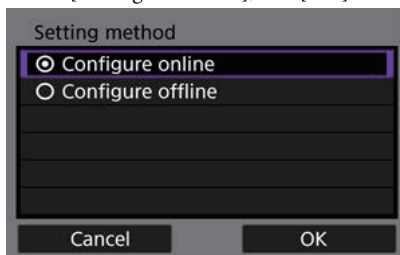
Select[New settings],click [OK]



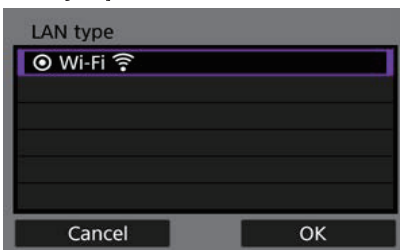
Click[Set1],If you have connected to an access point before, select SET2



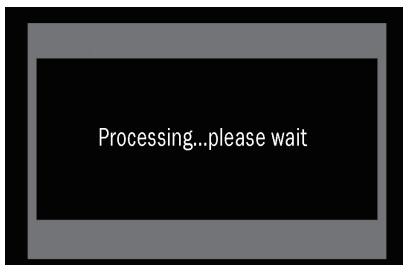
Select[Configure online],click[OK]



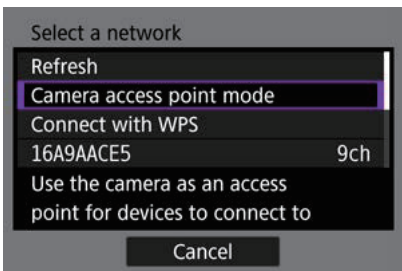
Click[OK]



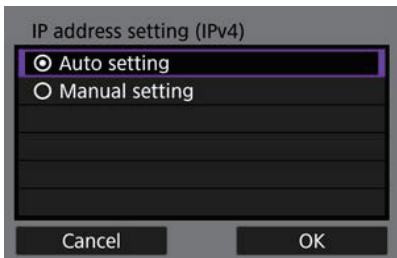
Please wait.



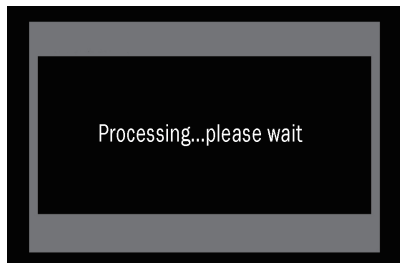
The following page will appear, offering multiple Wi-Fi access points to choose from; rotate the dial until "SmallRigr_5G_****1" appears. Select "SmallRigr_5G_****" and click Connect.



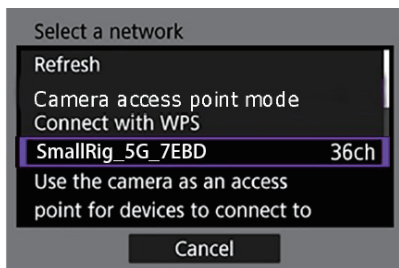
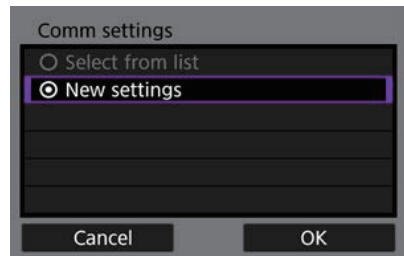
Select[Auto setting] , click[OK]



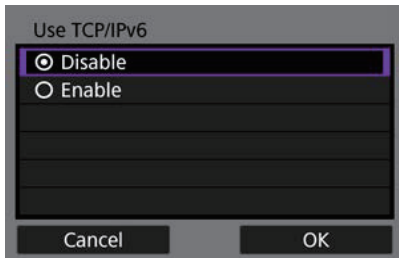
Please wait



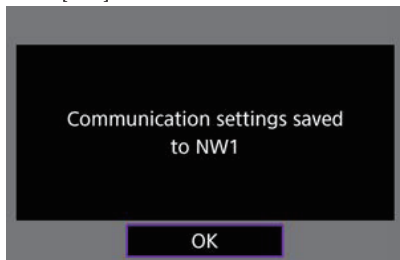
Select [New settings], click [OK]



Select[Close] and click [OK]

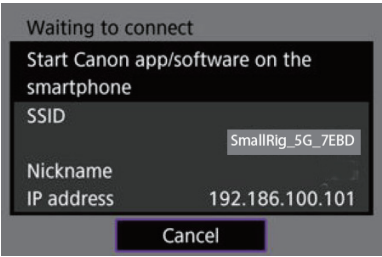


Click [OK]



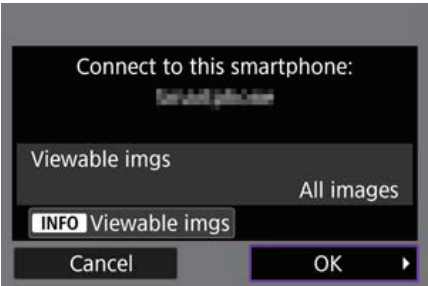
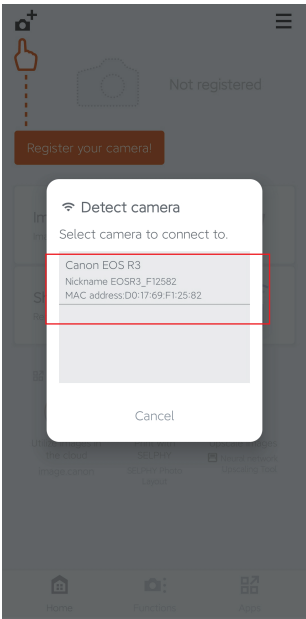
Keep this page and start to operate on smartphone

Enter the [Canon Camera Connect App] in the mobile phone to operate.

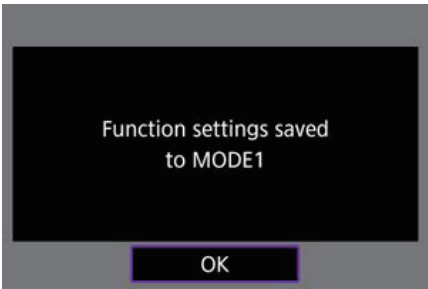


Step 3 : Connect the R3 camera in the Canon Camera Connect App.

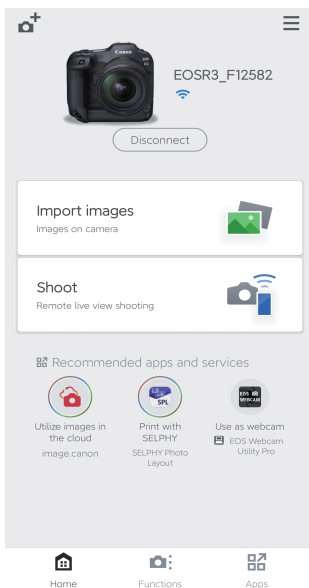
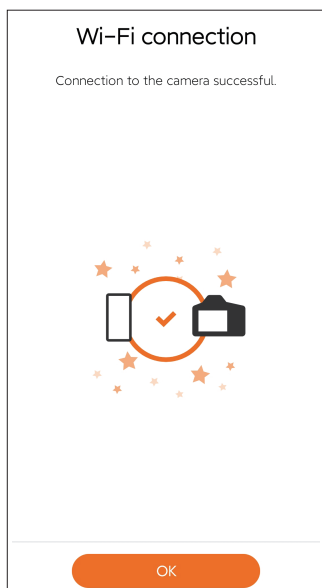
- ①The steps to enter the App is same as R5, choose R3
- ②Click the red frame once searching R3
- ③Click [OK]



- ④Click [OK]



⑤Click[OK] to enter shooting page,and click[Remote shooting]



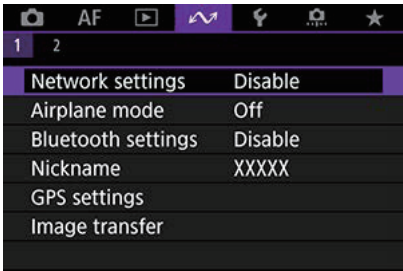
⑥The app screen shows the image , which is exactly the same as the camera screen.



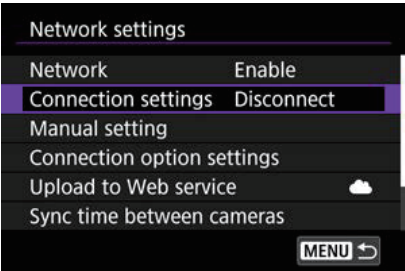
Press the [white circle] on the phone to start shooting.

2,Connection of R3 and Wi-Fi and App after pairing

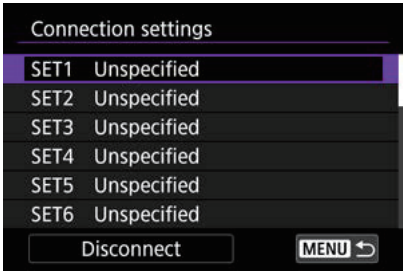
(1)Click[MENU]-[Network] setting-[ON]-[Set]



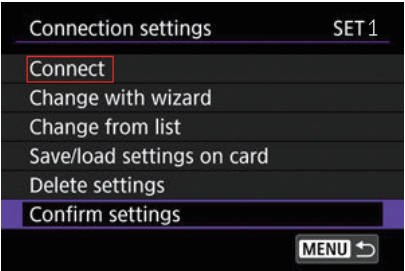
(2)Select[Connection setting]-[Set]



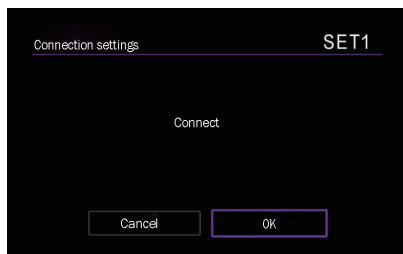
(3)Select[SET1 Smart phone]-[Set]



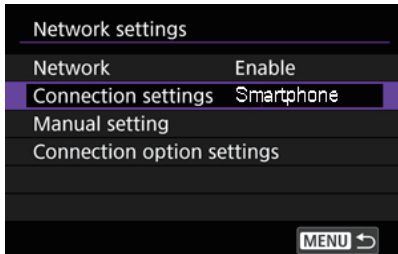
(4)Select [Connect]-[Set]



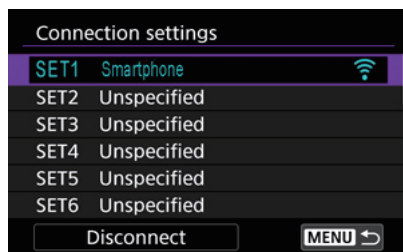
(5)Click [OK]



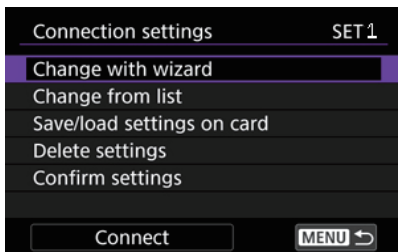
(6)[Connection settings]-[Smartphone]-[SET]



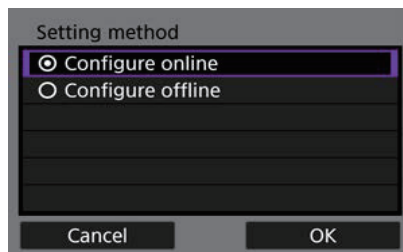
(7)Select[SET1 Smartphone],click[SET]



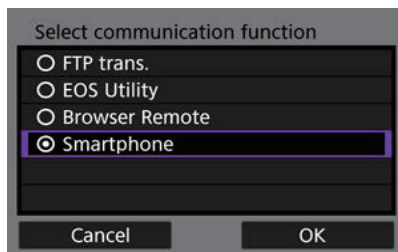
(8)Select[Change with wizard],click[SET]



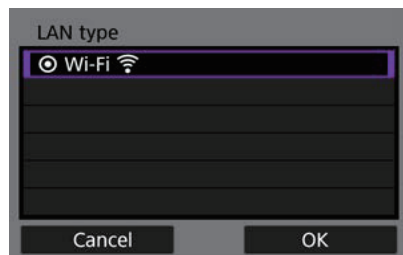
(9)Select[Configure online],Click[OK]



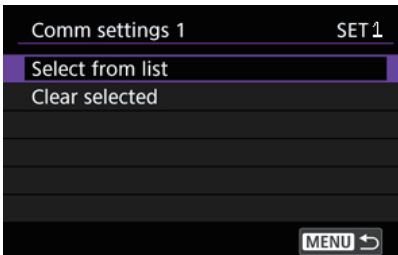
(10)Select[Smartphone], Click[OK]



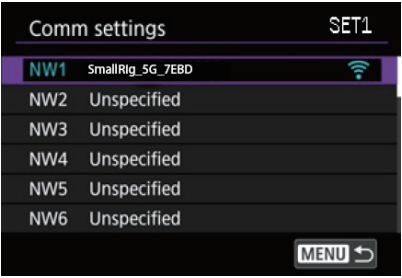
(11)Click[OK]



(12)Select[Select from list], Click[OK]



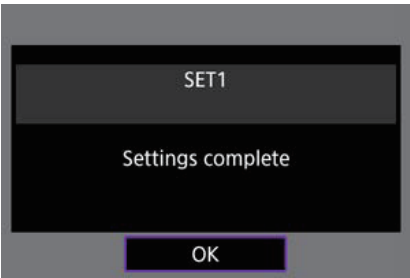
(13)The connected Wi-Fi
[SmallRigr_5G_****] will show up,click
[SET].



(14)Please wait....



(15)SET1[Set completed],click [OK]

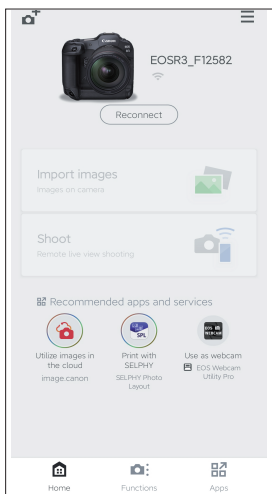


then start to operate the Canon Camera Connect App on mobile phone / tablet

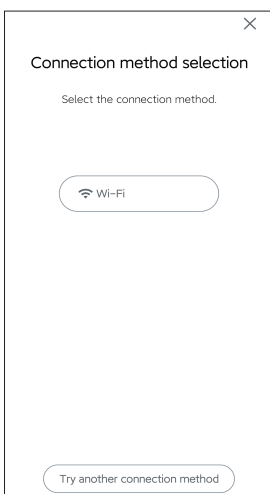


(16) First, make sure the mobile phone is connected to the Wi-Fi network [SmallRigr_5G_]. On the mobile network settings, search for[SmallRigr_5G_] and tap to connect. The method to access the Canon Camera Connect app is consistent with the steps for the R5/R6II.

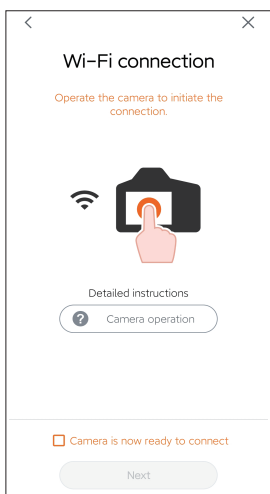
(17)Click[Reconnect] on this page



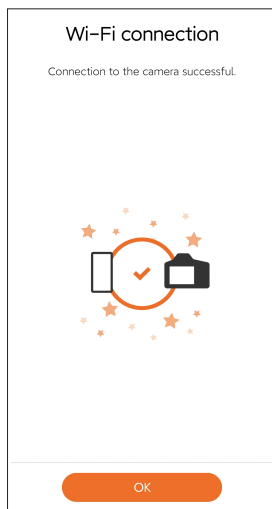
(18)Click[Wi-Fi]



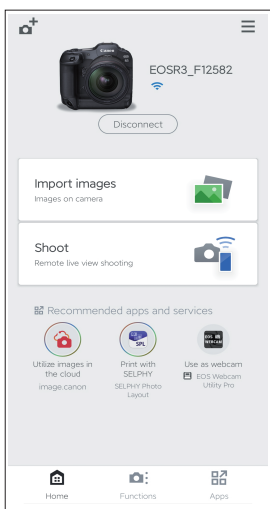
(19)Operate according to prompts



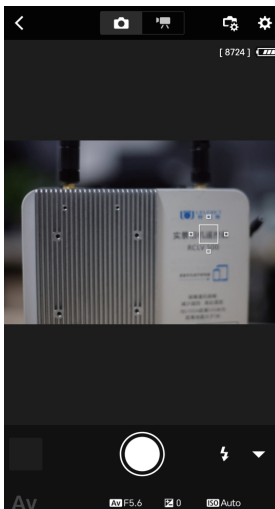
(20)Click[OK]



(21)Click[Shoot]



(22)Enter the shooting page



(23)The app screen shows the image, which is exactly the same as the camera screen.



Press the [white circle] on the phone to start shooting

3,Use features of R3 on Canon Camera Connect App

(1)Communication features

The camera and App have a memory function, so they can connect quickly when reconnecting

①Memory function

A,It refers to a fixed mobile phone and camera, If you change a mobile phone,or reinstall the App on a mobile phone and connect it to the camera, you need to reconnect,The paired cameras will be saved in the camera,you need to create a new pairing.

B,If you cannot distinguish between the paired phone and camera, you can delete all the paired information or initialize the camera

②The camera will remain connected to the Wi-Fi without powering off and restarting

A,Exit and re-enter the App ,The app remains in the shooting state.

B,If you select [Disconnect] when exiting the App, enter again,it cannot connect to R3 camera,need to operate the connecting steps on camera again to connect.

③ When the app is connected to the camera, after the camera is powered off and restarted, the camera body will have a flashing green light, indicating that the R3 camera is actively connecting to Wi-Fi.

A,Don't click [Disconnect] in the Canon Camera Connect

B,Please use an independent mobile phone or tablet to control the camera,do not set to sleep mode,do not turn the camera with password,and keep the phone or tablet on the operation page, do not disconnect the App

④Therefore, when using the R3 camera, the following recommendations are made:

A,Don't click [Disconnect] in the Canon Camera Connect

B,Please use an independent mobile phone or tablet to control the camera,do not set to sleep mode,do not turn the camera with password,and keep the phone or tablet on the operation page, do not disconnect the App.

(2). Use features of Canon Camera Connect App

Brand	Model	Camera shooting mode setting	Canon Camera Connect		
			Photo mode	Video recording	Switch between photo shooting and video recording
Canon	R3	Single shot	Single shot/Continuous shot available Exposure Mode available		OK,All exposure modes can be switched and selected
		Continuous shot	Single shot/Continuous shot available Exposure Mode available		OK,All exposure modes can be switched and selected
		Video mode		Video exposure Mode of available	No, only video recording, cannot switch to photo mode

Chapter 6 Using method of Canon R6

1,The camera is connected to Wi-Fi/smartphone(or tablet) for the first time

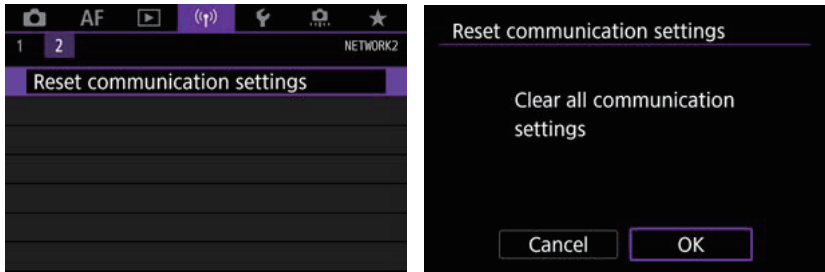
Step 1: Preparation

Same as the explanation of R5

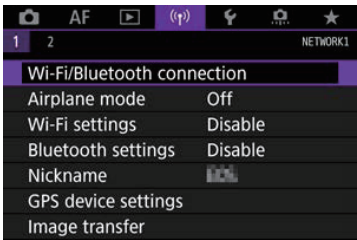
Step 2:Camera communication reset

Basic setting

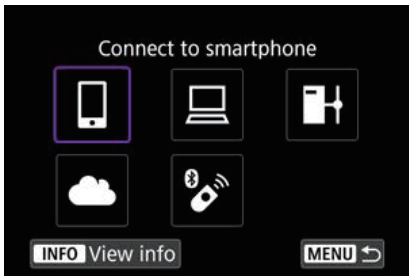
Click [MENU], and find [Reset communication settings]-click [OK] on[Clear all communication settings]page



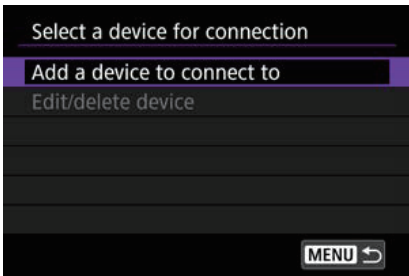
Step 3: R6 Steps to connect the camera to the Wireless Tethering Hub for Cameras (WTH-500) [SmallRig_2.4G] Wi-Fi



Select [Mobile phone icon] to enter Wi-Fi setting (same selection even on tablet)



Select [Add a device to connect] and click the [SET] button.



Basic setting

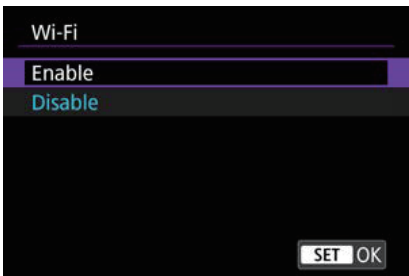
Click [MENU]

[Airplane Mode] Set to [Off]

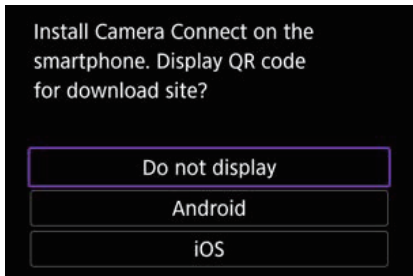
[Bluetooth Mode] Set to [Off]

Select [Wi-Fi/Bluetooth connect] and click [SET]

If the camera Wi-Fi is turned off, the [Change Wi-Fi to [Enable]] pop-up will appear. select [OK].



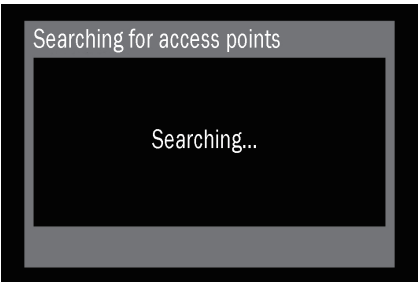
Select [Do not display] if this page pop up.



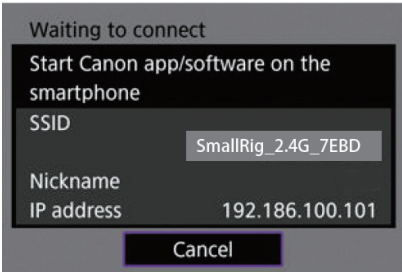
When following page pops up, select [Connect via Wi-Fi]



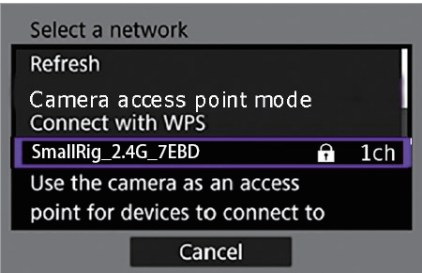
Wait for searching the access points



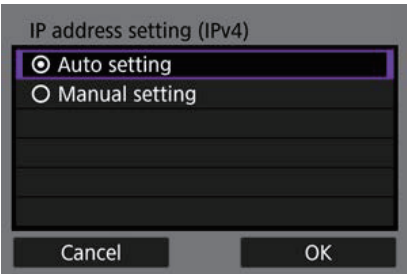
Select [Switch network]



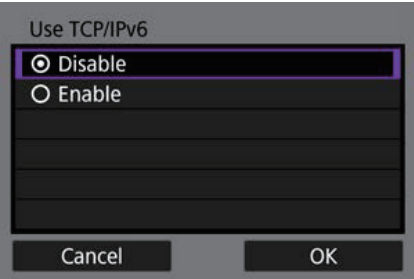
Select the Wi-Fi named SmallRig_2.4G_**** and click [SET] to connect.



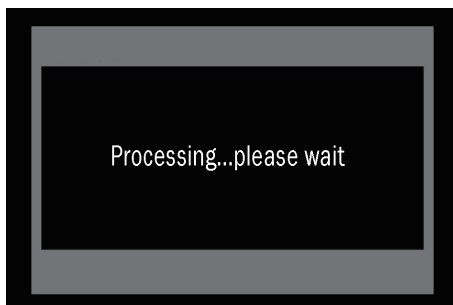
Set IP address setting (IPv4) to [Auto Setting], select [OK], and click the camera [SET] button to enter.



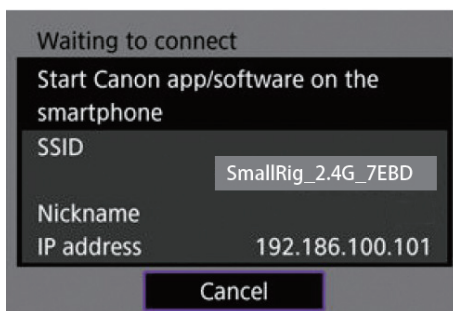
Set TCP/IPv6 to [Disable], select [OK], and click[SET] button to enter.



Pls wait...



When this page pops up, the SSID displayed is consistent with the Wi-Fi name, and the IP address displays 192.168.**.*. This means that the Wi-Fi connection is successful. Now open your phone or tablet to perform the operation.



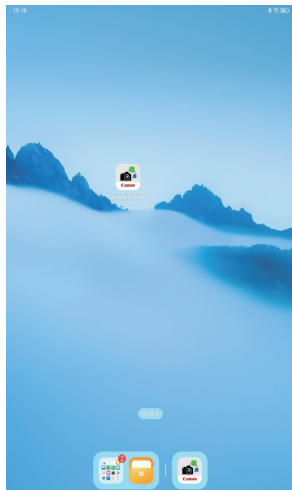
Now start to operate on App



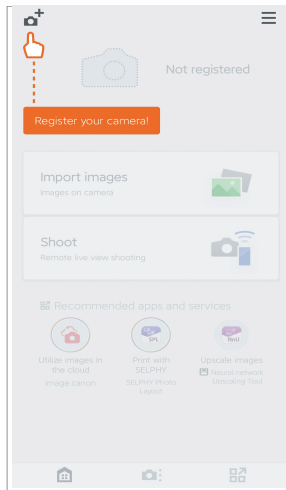
Step 4: Canon Camera Connect App connect to camera

Turn on Wi-Fi on your phone or tablet. When you see the network named “SmallRigr_5G_*****Wi-Fi,” tap to connect. Some phones or tablets may display a login page for “SmallRigr_5G_****.” Follow the same login procedure as described in the R5 camera manual to connect to the Wi-Fi.

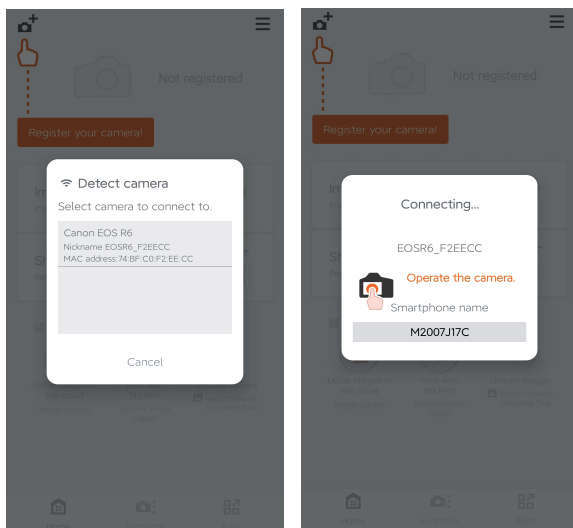
Open the App [Canon Camera Connect]



Click the camera icon on top left to register the camera.

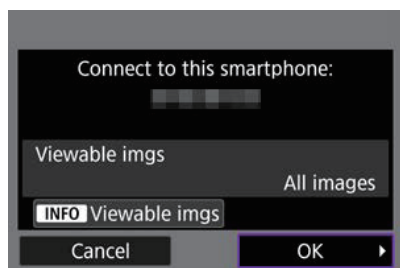


Ensure your Wi-Fi is successfully connected to SmallRig_5G_****. Open the Canon Camera Connect app. On the camera registration page, wait for the software to automatically scan the camera.

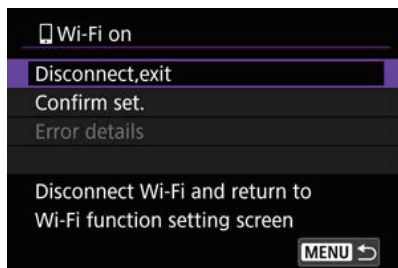
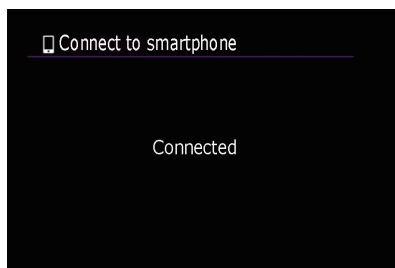


When the camera is found, follow the prompts to confirm the connection on the camera.

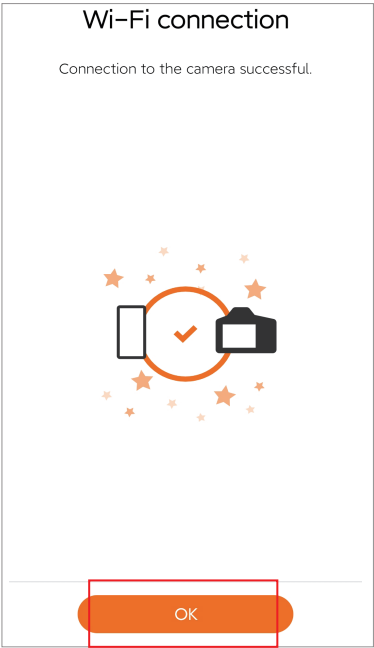
Click[OK] on this camera page



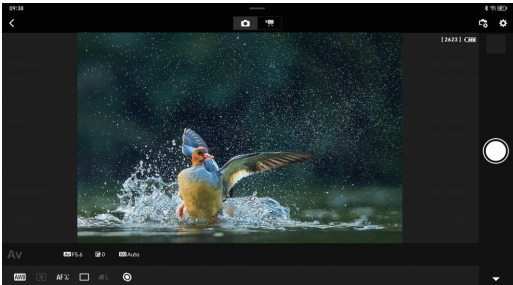
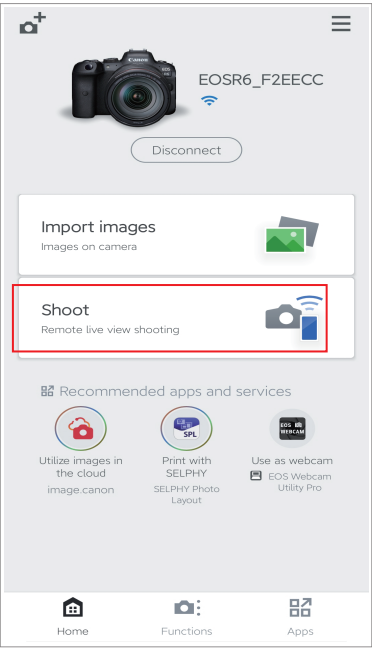
Connected



Click[OK] on mobile phone on this page



Click[Remote shooting]

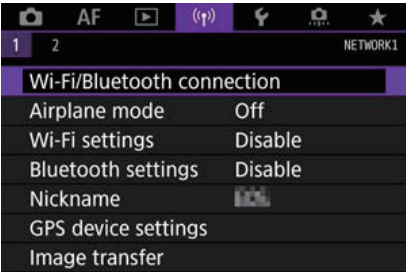


Click the white circle to shoot on mobile phone

2,Reconnect of R6 and mobile phone after pairing

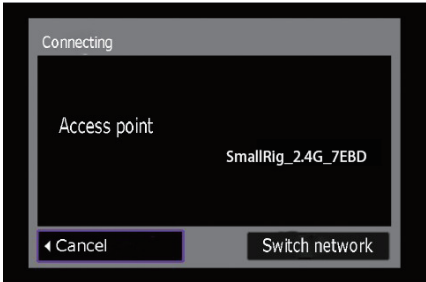
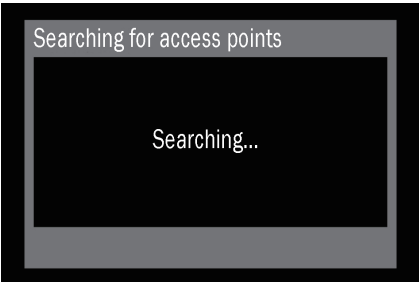
Click [MENU]-[Wi-Fi/Bluetooth connect]-[SET]

Click[SET] to enter on this page

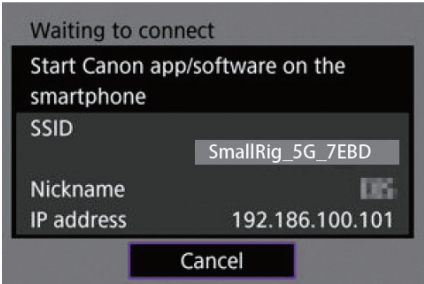


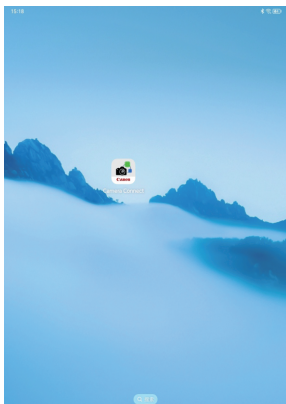
Wait for searching

Upon entering this page, wait for the network to automatically complete the connection when the Wi-Fi name SmallRigr_5G_**** is displayed.

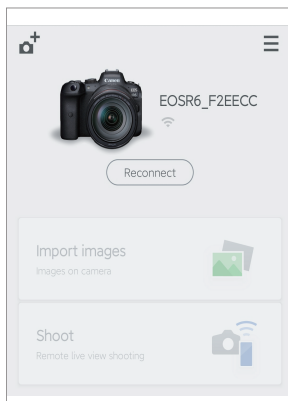


Connected, start to operate the App on Smartphone/tablet.

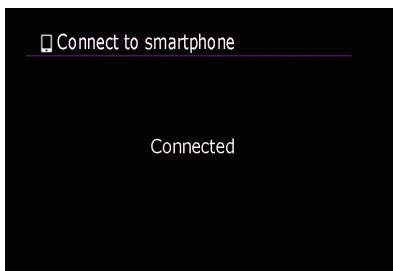




Open the App
[Canon Camera Connect]

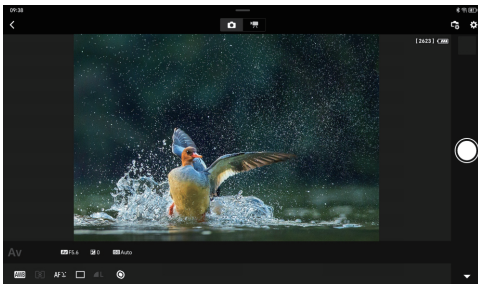
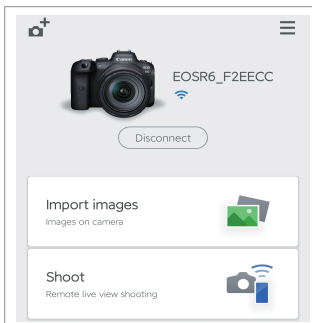


Wait for connecting
automatically



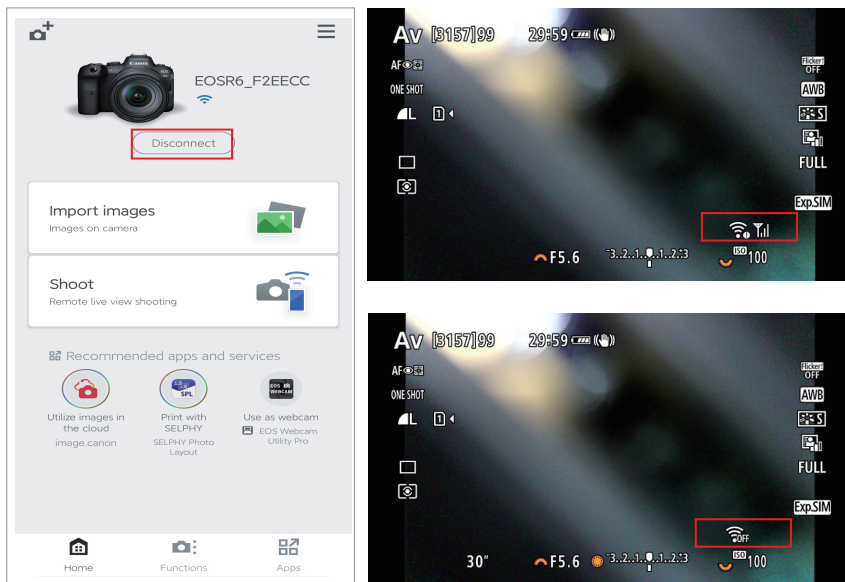
Connected

When the App and the R6 camera are connected automatically! The Wi-Fi icon turns blue, press the [white circle] on your phone to start shooting.



3. Use features of R6 on Canon Camera Connect App

(1) The App does not click the [Disconnect] button, but the network is disconnected or the App is exited in the background. The camera Wi-Fi icon is flashing. After reconnecting to the network, open the App and wait for automatic connection.



(2) The camera is powered off or turned on and off again, or the App clicks Disconnect, and the camera Wi-Fi icon shows OFF. You cannot connect to the camera by operating the App alone, and you need to reconnect to the network on the camera body. For operation steps, refer to (II. Reconnect the paired camera and mobile phone)

Chapter 5 Solutions to some problems in use

1. When a smartphone, tablet, or camera can detect a Wi-Fi signal but fails to connect for a long time or encounters a connection error.

Solution: Press the [Reset] button on the Wireless Tethering Hub for Cameras for approximately 10 seconds to restore it to factory settings, then reconnect to Wi-Fi.

(Note: Sony cameras can directly open the official camera App for use after connecting to Wi-Fi. There is no need to access the network configuration page or configure any parameters.)



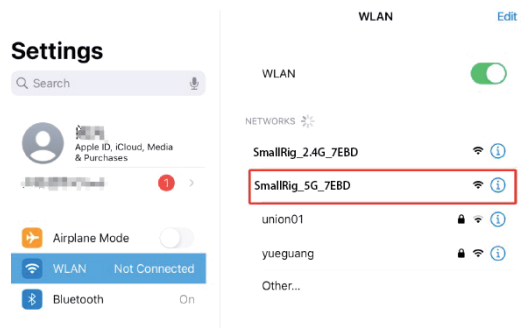
- II. After connecting the power cable, the Wireless Tethering Hub for Cameras has an unlit indicator light and does not function.

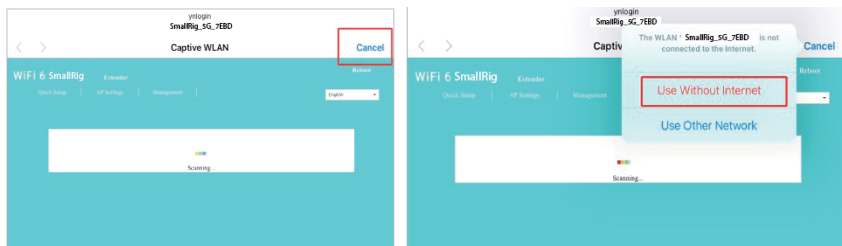
Solution:

1. Check if the battery has power.
2. Check the power cable for damage or replace it with a new one.

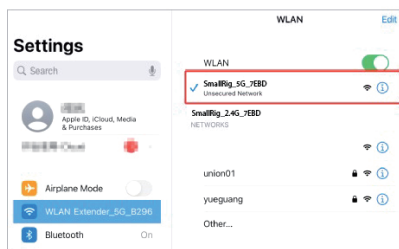
2. Tips for using Apple device

1. After confirming the Wireless Tethering Hub for Cameras is turned on, open the Wi-Fi settings page on your smartphone or tablet, search for the Hub's Wi-Fi [SmallRig_5G_***], tap [Connect], and the password setup page will appear. Follow the same password setup method as mentioned above.





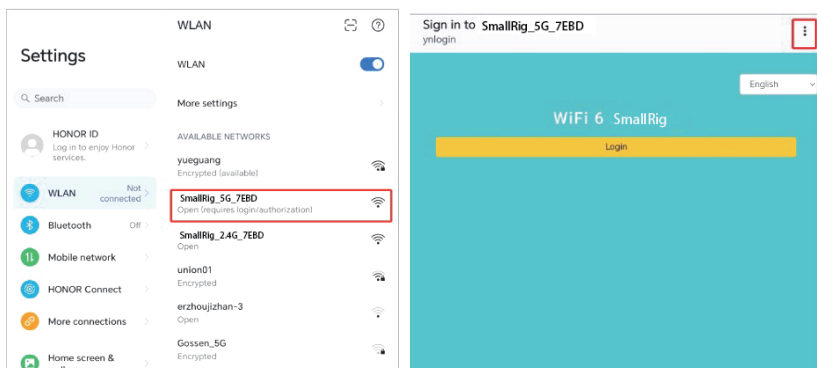
2. After connecting to the Hub's Wi-Fi [SmallRig_5G_****], the network configuration page will pop up automatically. At this point, tap the [Cancel] button in the upper right corner and select [Use Without Internet Connection].

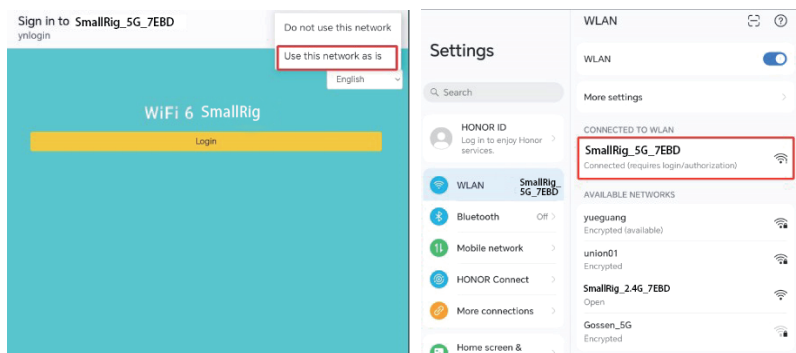


3. When a ✓ appears before the WiFi name, it means the network connection is successful. (It shows an unsecured network because there is no password, don't worry)

4. Tips for using Android devices

After confirming the Wireless Tethering Hub for Cameras is turned on, open the Wi-Fi settings page on your smartphone or tablet, search for the Hub's Wi-Fi [SmallRig_5G_****], tap [Connect], and the password setup page will appear. See previous instructions.





After connecting to the Hub's Wi-Fi [SmallRig_5G_****], the login page will pop up automatically. At this point, tap the icon in the upper right corner and select [Use This Network Directly]. If no relevant content is displayed, simply return to the Wi-Fi connection page. A [Connected] label next to the Wi-Fi name indicates a successful connection.

Chapter 8 Specification

Item/sub item		Contents
Name		Wireless Tethering Hub for Cameras
Model		WTH 500
Functions	Control method	A device that can remotely control camera shooting via a mobile phone or tablet within a range of 500m in unobstructed or slightly obstructed situations.
	Shooting function	Camera App control the camera to shoot
	App	Manufacturer's App
	Compatible model	EOS R1,R5II R3,R5,R5C EOSR6,R6II,R7,R8,R10,R50,R100 EOS 1DXIII,90D,
Communication	Communication distance	The maximum communication distance between the camera and the WTH500 is less than 90m, with no obstruction or slight obstruction.
		The maximum communication distance between a mobile phone or tablet and the WTH500 is <310m, with no obstruction or slight obstruction.
		Different remote control distance for different models and environments.
	Antenna	Built-in 2 high-gain antennas
	Wi-Fi standard	1201 Mbps (5 GHz, 11ax) + 574 Mbps (2.4 GHz, 11ax) , Compatible to IEEE802.11B /G/N/AC/AX Wi-Fi standard
Communication	Frequency	2.4 GHz and 5.0 GHz
	Transmit power	FCC: <18 dBm(2.4GHz), <18 dBm(5GHz)
Hardware	Signal rate	2.4GHz 574 Mbps, 5GHz 1201 Mbps
	Dimension	95*95*27mm
	Network	152g
	Input voltage	5V3A
Certification		Passes the FCC, CE, SRRC, RoHS test
Ambient temperature and humidity	Operating temperature	0°C~40°C (32°F~104°F)
	Storage temperature	-40°C~70°C (-40°F~158°F)
	Operating humidity	10%~90%non-condensing
	Storage humidity	5%~90%non-condensing

Product usage precautions

1. Do not change the transmission power without authorization, increase the transmission power (including installing an additional RF power amplifier), or connect an external antenna or use other transmission antennas privately;
2. Do not cause harmful interference to various legal radio communication services during use. Once interference is found, stop using it immediately and take measures to eliminate the interference before continuing to use it;
3. Do not use it near airplanes and airports. Please comply with national laws and regulations when using communication equipment.