AIR DIRECT

Wireless Camera Shooting System

User's Manual

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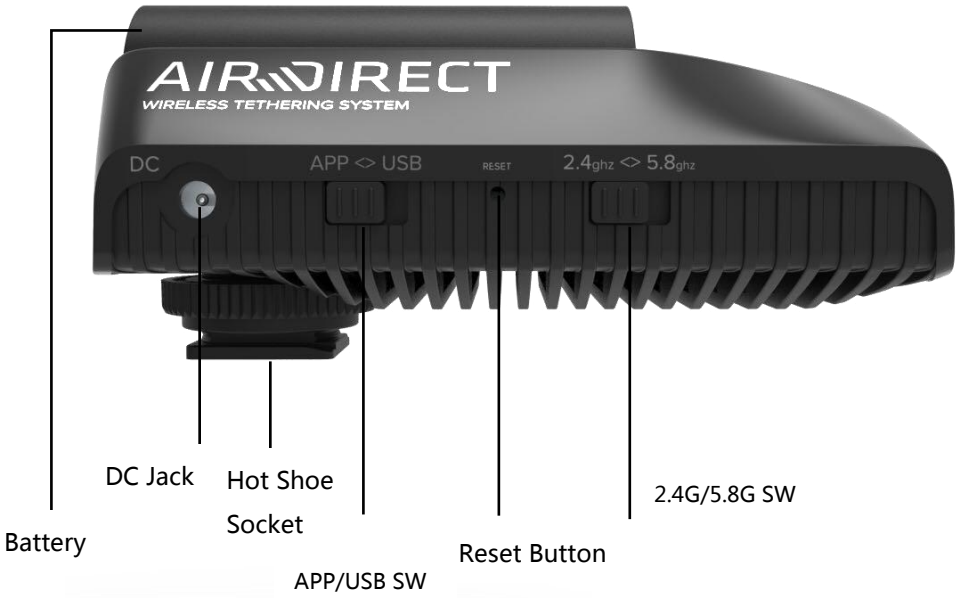
Chapter 1 Product Introduction

1.1 Packing list

No.	Content
1	AIR DIRECT
2	Type-C Data Cable ➢ Type-C To Type-C ➢ Type-C To USB3.0 ➢ Type-C To Micro B ➢ Type-C To Mini B ➢ Type-C To Mini 8P
3	Battery
4	User’s Manual

1.2 Overview


AIRDIRECT
WIRELESS TETHERING SYSTEM
DC
APP <> USB
RESET
2.4ghz <> 5.8ghz
Battery
DC Jack
Hot Shoe
Socket
APP/USB SW
Reset Button
2.4G/5.8G SW

POWER
Power SW
USB Type-C
Wi-Fi LED
Battery LED

Battery LED

The green LED indicates that the battery exceeds 1/2 power or DC IN. The yellow LED indicates that the battery is 1/4~1/2 power. The red LED indicates that the battery is 1/8~1/4 power. The red LED flicker indicates that the battery is lower than 1/8 battery.

Wi-Fi LED

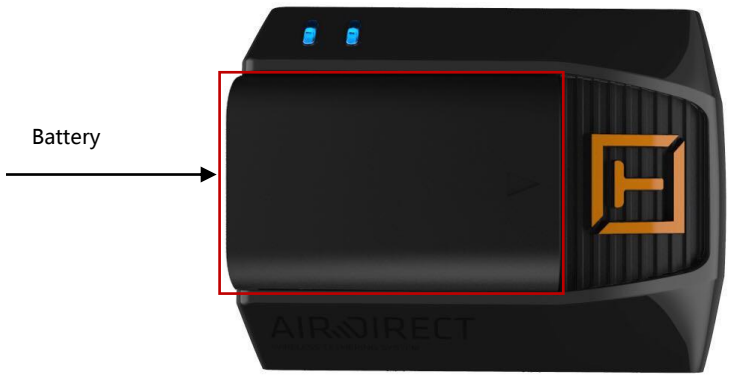
After the power is turned on for 10 seconds, the blue LED is on and flashes for 5 seconds in High-speed, then flashes for 10 seconds in Low-speed and then lights up continuously, indicating that Wi-FI is booting normally.

When the APP/USB mode switch is switched, or the 2.4G/5.8G mode switch is switched, the blue LED will flash slowly after 10 seconds, indicating that the mode switch is successful.

Chapter 2 Getting Started

2.1 Install battery

Get the battery from the packing list and find the triangular arrow mark indicating the direction of the battery. Push the battery into the AIR DIRECT battery compartment in the direction of the arrow as shown below.



2.2 Power on

Turn the power switch OFF->ON, the battery LED will be light on according to the current battery level. The Wi-Fi LED will enter the flashing state within 10 seconds, prompting Wi-Fi to initialize, and the flashing state will be finished. The steady state indicates that the Wi-Fi is booting normally.

2.3 Connect Camera

2.3.1 Connect AIR DIRECT to camera

Connect AIR DIRECT to the camera using the Type-C data cable in the package list and turn on the power switch of the camera.

2.3.2 Get AIR DIRECT software

You need to install AIR DIRECT software on your computer. AIR DIRECT software supports Windows and Mac OS.

1. Access the following URL on your computer's browser：

   http://www.xxx.com/download

2. Follow the prompts to install AIR DIRECT software on your computer.
3. Connect to AIR DIRECT's built-in Wi-Fi hotspot

   While the Wi-Fi LED is constantly lit, you can search for and connect to AIR DIRECT's Wi-Fi hotspot on your computer, starting with "AIR_DIRECT".

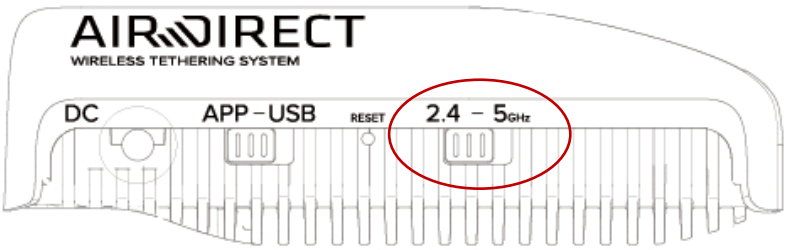
4. Run software

   Open AIR DIRECT software and run it on your computer.

2.4 Mode Switch

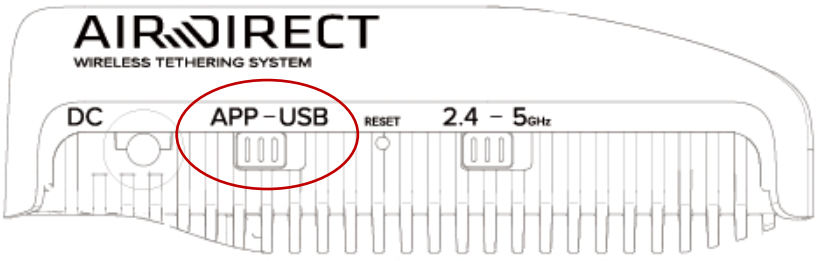
2.4.1 Wi-Fi band switch

Toggle the 2.4G/5.8G mode switch, you can switch the Wi-Fi working frequency band at will. When the switch is switched to the 2.4G side, the Wi-Fi works in the 2.4Ghz band. When the switch is switched to the 5.8G side, Wi- Fi works in the 5.8Ghz band.



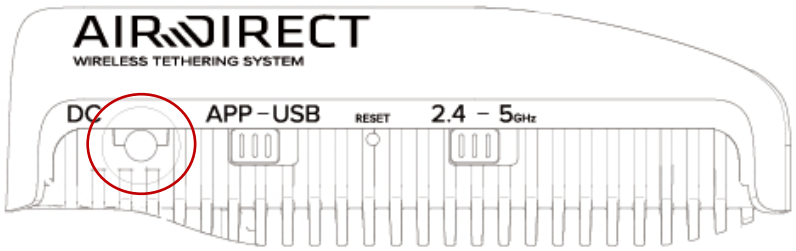
2.4.2 APP/USB mode switch

The APP/USB mode switch can switch the system working mode. When the switch is moved to the APP side, the system works in the APP connection mode. You can connect and control the camera through the provided software APP. When going to the USB side, the system works in wireless USB transfer mode, you can connect to the camera through software such as Capture One.



2.5 DC power supply

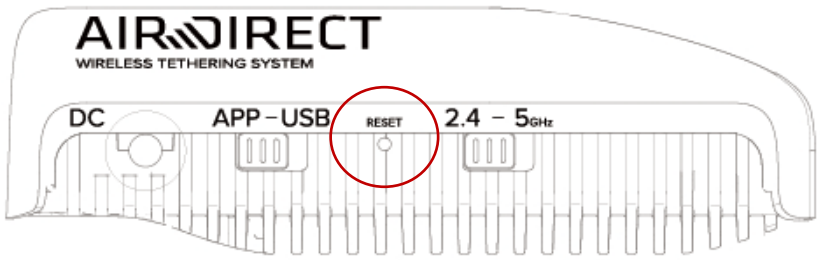
AIR DIRECT supports direct power supply from DC IN(5V). After the DC power supply is connected, the battery LED will keep the green light on. When the DC power supply is unplugged, the battery light will light the corresponding color according to the battery power.。



2.6 System Reset

As shown in the figure below, there is a recessed button. You need to hold the button with a slender object (such as a toothpick) for 5 seconds. The system enters the reset. After all the LED are off, the system resets successfully.

※Note: It is recommended to use this button to reset the system when the system is abnormal and cannot be recovered. In other cases, please do not touch this button.

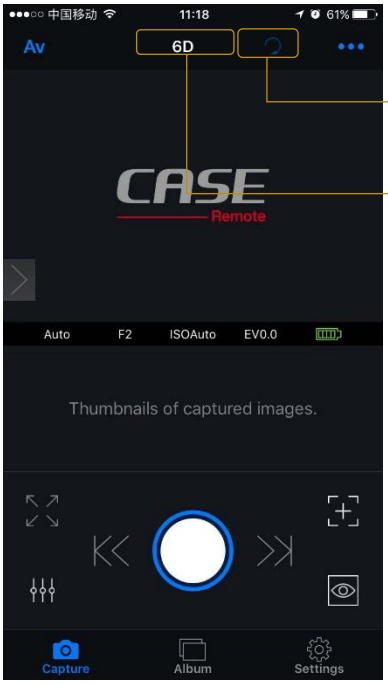

AIRDIRECT
WIRELESS TETHERING SYSTEM
DC
APP – USB
RESET
2.4 – 5GHz

Chapter 3 APP Use

【Connect and install the APP】

When connecting, please connect the camera and AIR DIRECT with the Type-C data cable in the package list, then turn on the power of the camera and AIR DIRECT, and switch the APP/USB button to APP mode.

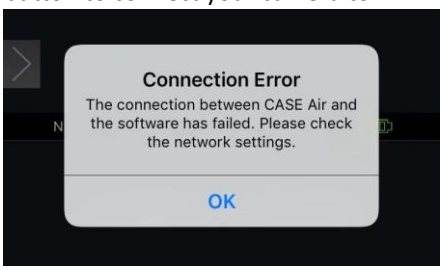
In the Android application market, search for "Case Remote" and install the Case Remote APP.

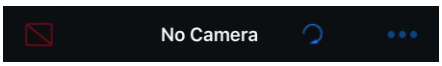


Reflesh Connect

Camera Informatio

If the following message appears, reset your Wi-Fi connection and press the refresh connection button to connect your camera to AIR DIRECT.



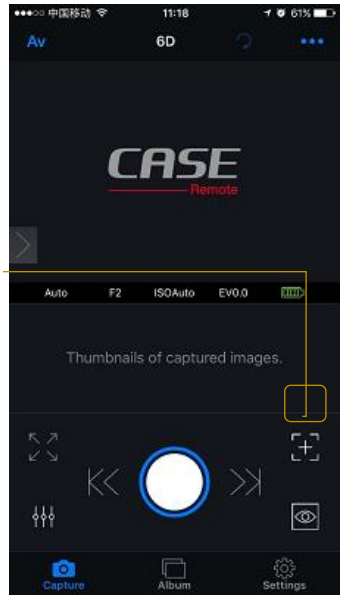


3.1 Remote shooting

You can remotely control camera and shoot with your phone, tablet, computer, etc.

3.1.1 Live view

Open the live view by clicking the Live View button in the lower right corner of the screen.

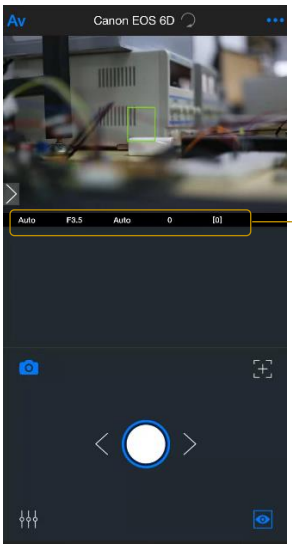


LiveView Button

3.1.2 Parameter settings

The top of the screen can be set to the camera: gear, shutter, a

Note: The camera that adjusts the gear position via the physical knob cannot adjust the gear via the APP.

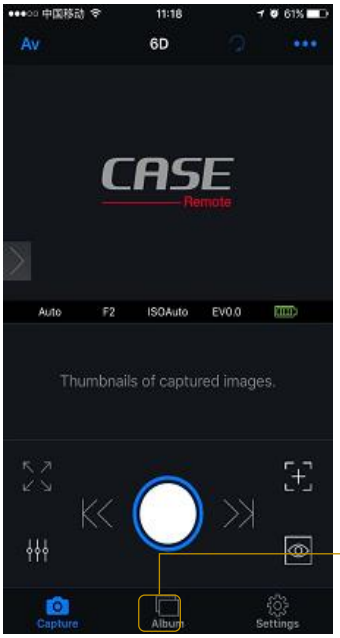


Click to set: gear position, shutter, aperture, ISO, EV

3.2 Browse mode

You can view the photos in the camera, view EXIF information, delete in bulk, and save to mobile phone in bulk.

Click on the album button below to enter "Browse Mode"



Reflesh Image List

If the camera continues to take pictures, the image list will automatically refresh.

View large image

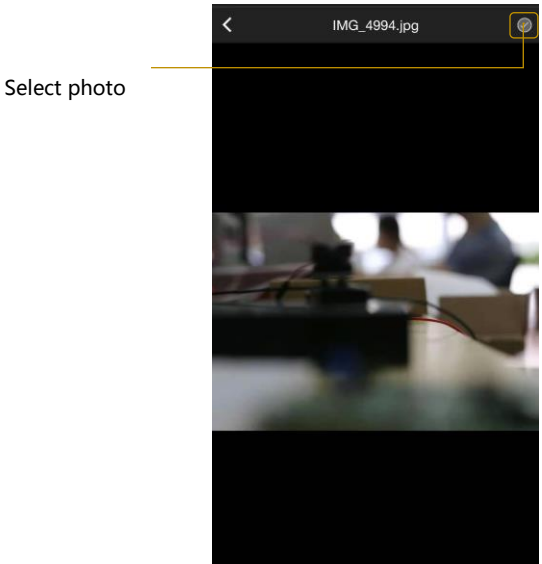
Click on the thumbnail to view the larger image. After opening the large image, you can:

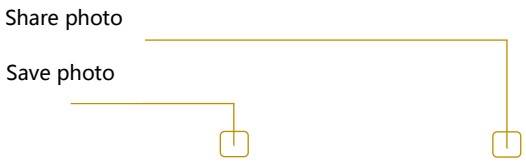
- Share this photo
- Save the original image to the phone
- Delete this photo
- View the EXIF information of this photo

Share and save

Click the "Select" button at the top right to select the photo.

- Click the “Share” button at the bottom right to pop up a list of options.
- Select “Share” to share to social networks。
- Click the “Save Photo” button at the bottom left to save the photo to the local.

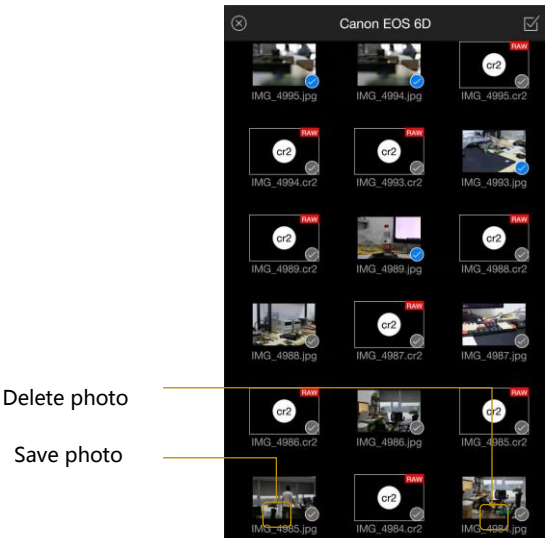




Batch deletion

In the picture list mode, select the photo you want to operate and select "Delete" button,

The selected photo can be deleted and the photos in the camera will be deleted too.



Select All

Click the "Select All" button to select all photos.

Chapter 4 Online Shooting with Camera

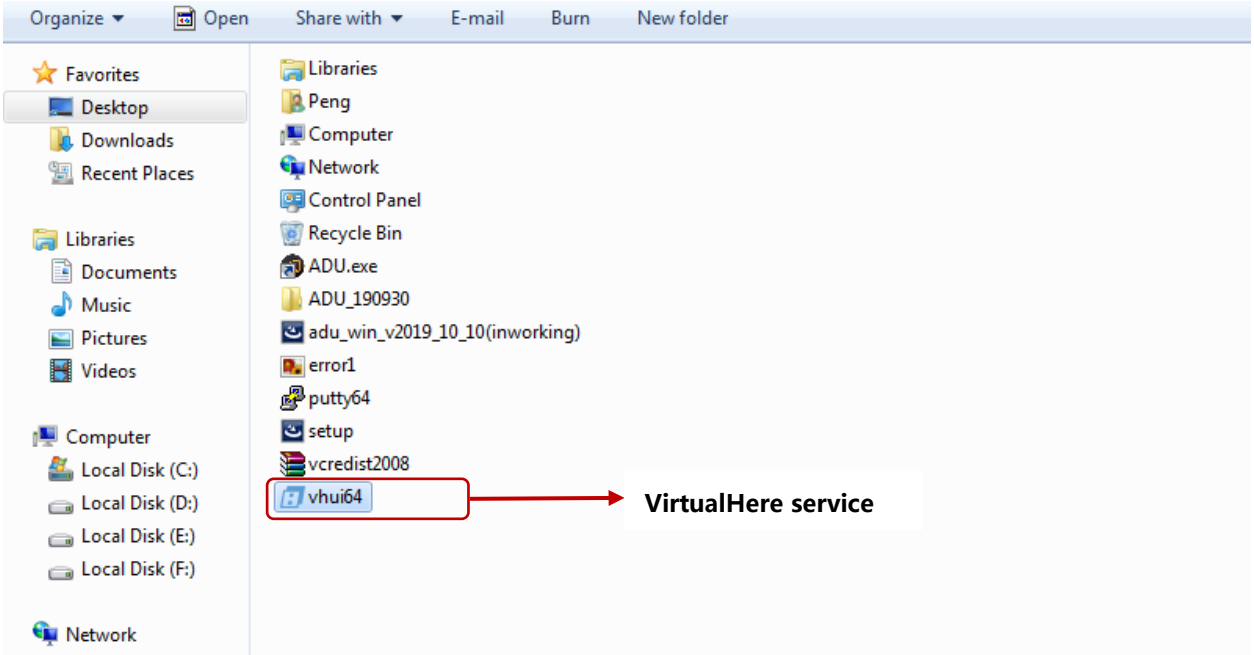
4.1 Connection

When connecting, please connect the camera and AIR DIRECT with the Type-C cable in the package list, then turn on the camera and AIR DIRECT, and switch the APP/USB button to USB transfer mode.

4.2 Open VirtualHere service

Open the VirtualHere software folder and double-click "vhui64.exe" to start the VirtualHere shooting service. After the VirtualHere service is enabled, you can remotely control the camera using software such as Capture One.

Note: Please install the 32-bit version when use 32-bit system.



After opening VirtualHere service, you can use more than 500 kinds of cameras such as Canon, Nikon, Sony, Fuji, Pentax, Panasonic, Olympus, etc.

Camera support list, see：https://www.xxx.com/support/

Chapter 5 Cautions and FAQ

5.1 Cautions

5.1.1 Battery Charging

1. Please charge before use for the first time or after long-term idle. The charging requirement of the charger is 5V-1A. Regular mobile phone chargers such as iPhone charger can be used.
2. AIR DIRECT's operating environment temperature is -20~50 degrees. Lower ambient temperature may cause battery performance to drop.
3. When not in use for a long time, remember to take the battery out of the battery compartment and store it in a dry environment.

5.1.2 Transmission speed

AIR DIRECT Wi-Fi uses the IEEE 802.11g standard when transmitting 2.4G band, its maximum transmission speed is 54Mbps, and the IEEE 802.11ac standard is adopted in the 5.8G band. Its maximum transmission speed is 867Mbps.The actual transmission speed is related to environmental factors such as camera, wireless network environment, distance, etc. You can take the following measures to improve the transmission speed.

1. Close the distance between AIR DIRECT and computer.
2. Reduce obstacles between AIR DIRECT and computer, especially cement walls, metal covers and other obstructions.
3. Try to use the battery with sufficient battery or DC access. Insufficient power may cause unstable transmission.

5.1.3 RF information

1. Operation Frequency:2412-2462MHz(802.11b/g/ht20),2422-2452MHz(802.11ht40),5725-5850MHz
2. Max. Output Power

2.4G Band

- 23.96dBm(802.11b/g/ht20/ht40)

5.8G Band

- 5725-5850 MHz:13.45dBm

5.2 FAQ

5.2.1 DC input

AIR DIRECT's DC input requirement is 5V/2A. Using a DC power supply below 5V/2A to access AIR DIRECT will cause the system to restart abnormally.

5.2.2 Battery LED

When Wi-Fi is startup, it is normal for the battery LED to change color due to load changes.

Warning.

The working temperature for the CamFi is -20~50 Celsius degree and the relatively humidity is 0%~95%. Low temperature may cause degradation to the battery.

Keep AIR DIRECT from high temperature, moisture and water.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment should be installed and operated with minimum distance 20cm between the radiator& your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.