

CONNECT YOUR CAMERA TO FILMDECK

Canon, Fujifilm, Nikon and Sony. Numbered steps with the real menu screens from each maker's manual, and a source under every picture.

WHICH CONNECTION SHOULD I USE?

USB

Plug and go. A cable from the camera to your iPhone. No passwords, no network. Battery lasts longer because Wi-Fi is off. Best for a desk or a car.

CAMERA HOTSPOT

Works anywhere. The camera makes its own Wi-Fi network and your phone joins it. No router needed. Your phone has no internet while it is connected.

HOME WI-FI

Only at home. Camera and phone both join your router. Your phone keeps internet. Set-up takes a few more taps and you have to redo it on a different network.

Not every camera offers all three. Fujifilm phones only connect through the camera hotspot. Older Sony bodies are hotspot only. Canon turns Wi-Fi off while a USB cable is plugged in. The brand pages say which ones apply.

Canon is where FilmDeck started, and the Canon steps match the app today. The other chapters show how to put those cameras into the modes an app can use. Check the app for current model support. Web version: [filmdeck guides](#) › [Connect your camera](#).

CANON

EOS R series and recent Rebels, including the EOS 250D / Rebel SL3

THE SHORT VERSION

- Over Wi-Fi, FilmDeck talks to Canon's Camera Control API (CCAPI). On most bodies you switch it on once with Canon's free activation tool. A few 2024–2025 bodies ship with it on.
- Camera hotspot and home Wi-Fi both work. The camera shows its address on screen; you type it into FilmDeck.
- USB also works. On R bodies pick *Photo Import/Remote Control* as the USB app. Wi-Fi switches off while the cable is in.

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Switch on the Camera Control API (one time)

Computer › Canon developer site › CCAPI Activation Tool

No manual screenshot is available for this screen.

Canon ships CCAPI switched off on most cameras. You turn it on once per camera and it stays on.

Make a free account on Canon's developer community (developercommunity.usa.canon.com for the Americas, developers.canon-europe.com elsewhere). Download the **CCAPI Activation Tool**. Connect the camera to the computer by USB, turn it on, run the tool.

Afterwards a new **Camera Control API** item appears in the camera's wireless menu, next to *Connect to smartphone*.

Bodies reported to ship with CCAPI already on, no tool needed: EOS R1, R5 Mark II, R6 Mark III, R6 V, R50 V. That list comes from a third party, not Canon. The EOS 250D / SL3, R50, R8, R10, R7, R6 II, R5, R6, R3, RP, 90D, T8i and M-series bodies need the tool.

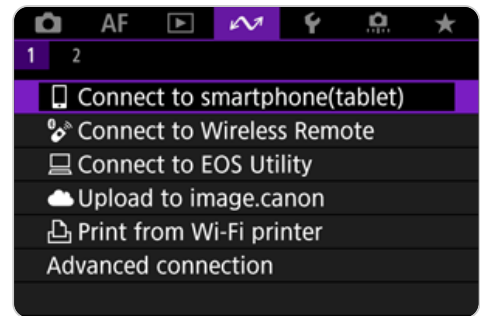
Tip. Canon does not publish a picture of this screen. If your menu already shows *Camera Control API*, skip this step.

Open the wireless menu

MENU › Communication tab (R bodies)

On EOS R bodies the wireless items live under the **Communication** tab (the wave icon). On the 250D / SL3 and other Rebels, look in the **Wireless** tab, then **Wi-Fi/Bluetooth connection**.

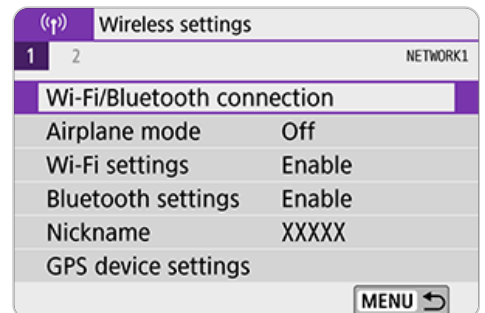
Pick **Camera Control API** if you activated it. The next screens are the same ones Canon shows for *Connect to smartphone*, so the pictures here match.



EOS R50: the Communication tab.

Source:

https://cam.start.canon/en/C011/manual/html/UG-08_Network_0030.html



EOS 850D / T8i: the Wireless tab. The 250D / SL3 has the same layout.

Source:

https://cam.start.canon/en/C002/manual/html/UG-08_Wi-Fi_0040.html

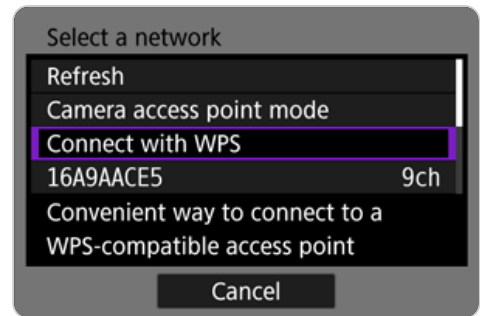
Choose hotspot or home Wi-Fi

Add a device to connect to › Select a network

Choose **Add a device to connect to**. On an R body go through **Advanced connection** if the camera wants to pair over Bluetooth instead; FilmDeck does not use Bluetooth or the Camera Connect app.

The **Select a network** screen is the fork in the road. **Camera access point mode** is the hotspot. A router name in the list, or **Connect with WPS**, joins your home Wi-Fi.

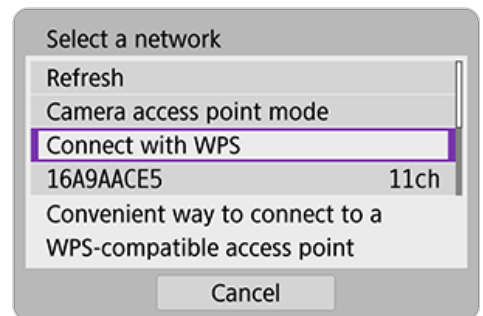
On the 250D / SL3 the camera goes straight to the hotspot. Press **Switch network** on the waiting screen to see the list instead.



EOS R50: Select a network. Top option is the hotspot; the bottom line is a nearby router.

Source:

https://cam.start.canon/en/C011/manual/html/UG-08_Network_0090.html



EOS 850D / T8i: the same screen after Switch network.

Source:

https://cam.start.canon/en/C002/manual/html/UG-08_Wi-Fi_0080.html

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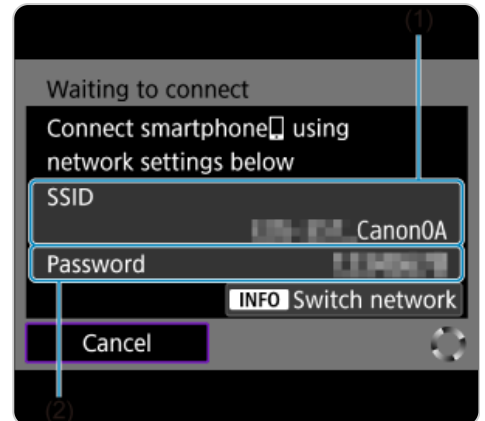
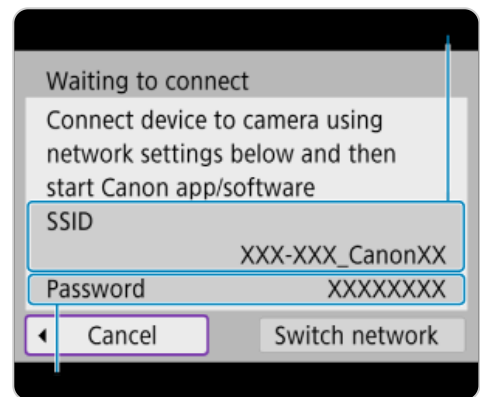
Join the camera from your iPhone

Camera access point mode › Easy connection › Waiting to connect

The camera shows an **SSID** (it ends in *_Canon0A* or similar) and a **Password**. On the iPhone open Settings, then Wi-Fi, and pick that name. Type the password.

If you chose home Wi-Fi instead, make sure the iPhone is on the same router. Nothing else to do on the phone.

Tip. If the iPhone refuses the network, set **Wi-Fi settings › Security** to WPA2 on the camera and try again.



EOS 850D / T8i: the same screen. (1) SSID, (2) password.

Source:

https://cam.start.canon/en/C002/manual/html/UG-08_Wi-Fi_0040.html

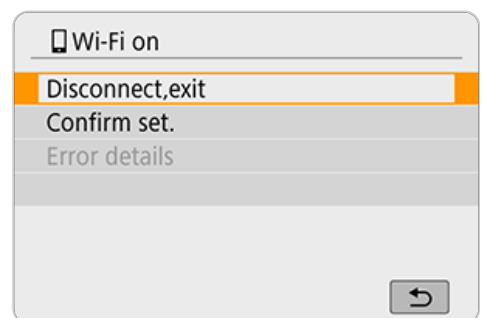
5

Type the camera's address into FilmDeck

Camera screen › IP address › FilmDeck

Once the phone is connected, the camera shows an address and a port. In hotspot mode it is usually `http://192.168.1.8:8080`, which is what FilmDeck suggests. On home Wi-Fi it is whatever your router handed out, for example `http://192.168.0.23:8080`.

Enter it in FilmDeck and tap connect. The camera screen changes to a connected view with *Disconnect,exit*. From now on the camera reconnects to this phone with one tap on **Camera Control API**.



EOS 850D / T8i: the Wi-Fi on screen. The Camera Control API shows a similar screen with the address.

Source:

https://cam.start.canon/en/C002/manual/html/UG-08_Wi-Fi_0040.html

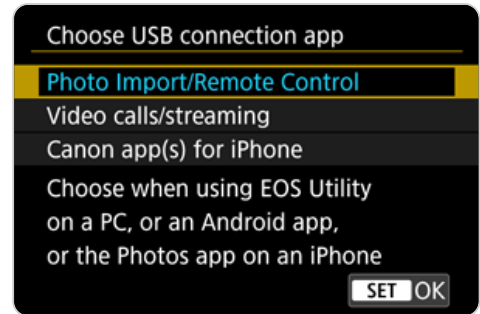
Or use a USB cable

Set-up tab › Choose USB connection app › Photo Import/Remote Control

Plug a USB-C to USB-C cable (or USB-C to micro-USB on the 250D / SL3) from the camera into the iPhone. Turn the camera on. Allow access when iOS asks.

EOS R bodies have a **Choose USB connection app** item in the Set-up tab. Pick **Photo Import/Remote Control**. Not *Canon app(s) for iPhone*, which is for Canon's own software. The 250D / SL3 and other Rebels have no such menu; the cable is enough.

Wi-Fi is unavailable while the cable is connected. Unplug to go back to the hotspot.



EOS R50: Choose USB connection app.

Source:

https://cam.start.canon/en/C011/manual/html/UG-09_Set-up_0230.html

Good to know

- Auto power off is disabled while Wi-Fi is up, so the battery drains faster. Switch Wi-Fi off when you are done.
- Opening the card or battery door drops the Wi-Fi link. The camera will not start Wi-Fi without a memory card.
- CCAPI is Wi-Fi only on the 250D / SL3 and most R bodies. Only the 1D X Mark III, R3, R1 and R5 Mark II also take wired LAN.

Sources

1. https://cam.start.canon/en/C011/manual/html/UG-08_Network_0020.html (EOS R50, Communication tab menus)
2. https://cam.start.canon/en/C011/manual/html/UG-08_Network_0030.html (EOS R50, Connect to smartphone)
3. https://cam.start.canon/en/C011/manual/html/UG-08_Network_0080.html and [UG-08_Network_0090.html](https://cam.start.canon/en/C011/manual/html/UG-08_Network_0090.html) (EOS R50, direct Wi-Fi, camera access point mode)
4. https://cam.start.canon/en/C011/manual/html/UG-09_Set-up_0230.html (EOS R50, Choose USB connection app)
5. https://cam.start.canon/en/C002/manual/html/UG-08_Wi-Fi_0020.html, [UG-08_Wi-Fi_0040.html](https://cam.start.canon/en/C002/manual/html/UG-08_Wi-Fi_0040.html), [UG-08_Wi-Fi_0080.html](https://cam.start.canon/en/C002/manual/html/UG-08_Wi-Fi_0080.html) (EOS 850D / T8i wireless menus; 250D / SL3 manual is PDF only and uses the same wording)
6. <https://sg.canon/en/support/0400468002> (Canon: EOS RP firmware 1.1.0 adds CCAPI, 'additional steps are required')
7. <https://asia.canon/en/campaign/developerresources/camera/cap> (Canon Asia: CCAPI overview, Wi-Fi only except 1D X III / R3 wired LAN)
8. https://downloads.canon.com/sdk/CameraControlAPI_OperationGuide_EN.pdf (Canon: CCAPI operation guide, access-point mode p.10–12, router p.13–15)
9. <https://www.middlethings.co/support/docs/compatibility/> (third party: which bodies ship with CCAPI enabled)
10. <https://help.picthrive.com/article/9w6m8j2sly-enable-ccapi> (third party: activation walkthrough, address format)

FUJIFILM

X series and GFX: X-T5, X-S20, X100VI, X-H2, GFX100 II and older bodies back to the X-T2

THE SHORT VERSION

- Phone connections go through the camera's own hotspot. Fujifilm has no home-router mode for phones; *ACCESS POINT SETTING* is only for computer tethering and Frame.io.
- Current bodies pair over Bluetooth first. The camera then raises Wi-Fi by itself when an app asks for live view.
- Over USB, set **CONNECTION MODE** to **USB TETHER SHOOTING AUTO**. *USB CARD READER* only copies photos.

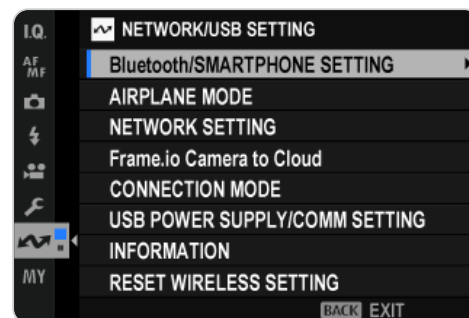
1

Find the connection menu

MENU/OK › **NETWORK/USB SETTING** tab

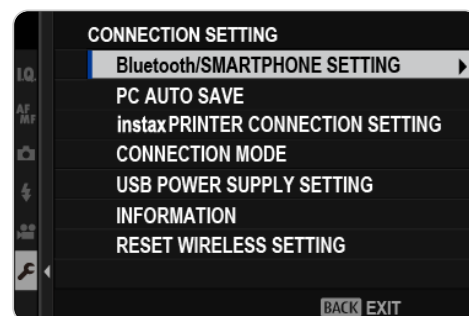
On X-T5, X-H2, X-S20, X100VI, X-T50 and GFX100 II the items live in a tab of their own called **NETWORK/USB SETTING**, below the wrench.

On X-T3, X-T30, X-T4, X-S10, X-Pro3 and X100V it is **SET UP** › **CONNECTION SETTING**. Same items, older home.



X-T5: the NETWORK/USB SETTING tab.

Source: https://fujifilm-dsc.com/en/manual/x-t5/connections/network_usb_menu/



X100V: SET UP › CONNECTION SETTING on the previous generation.

Source: https://fujifilm-dsc.com/en/manual/x100v/menu_setup/connection_setting/index.html

Pair over Bluetooth

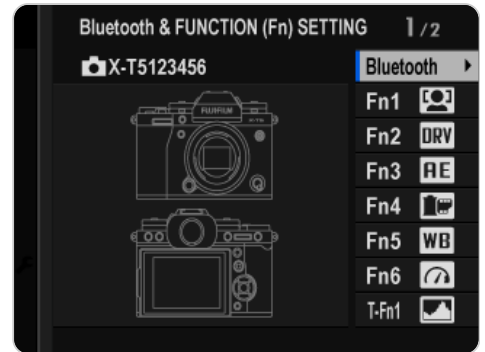
Bluetooth button (DISP/BACK) › Bluetooth › PAIRING

Quick way: while shooting, press the **Bluetooth button** (it is the DISP/BACK button). Highlight **Bluetooth**, press MENU/OK, pick **PAIRING**.

Menu way: **Bluetooth/SMARTPHONE SETTING › PAIRING REGISTRATION**.

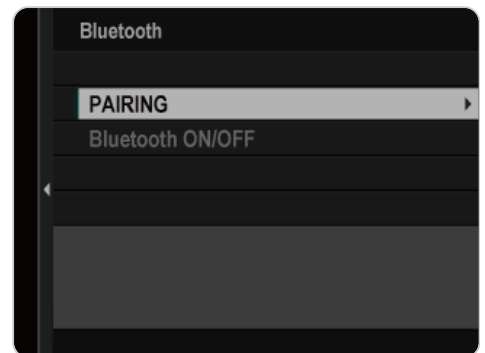
The camera shows a code. Start pairing on the phone, check the same code appears on both, and confirm. A white Bluetooth icon appears on the shooting screen when the phone is linked.

Fujifilm's own app is **FUJIFILM XApp** (it replaced Camera Remote in May 2023). XApp needs this pairing. Bodies that XApp does not support still use Camera Remote.



X-T5: the Bluetooth & Fn screen after pressing the Bluetooth button.

Source: https://fujifilm-dsc.com/en/manual/x-t5/connections/usage_smartphone_app/



X-T5: PAIRING in the Bluetooth submenu.

Source: https://fujifilm-dsc.com/en/manual/x-t5/connections/usage_smartphone_app/

Let the camera raise its hotspot

Phone asks for live view › camera switches to Wi-Fi

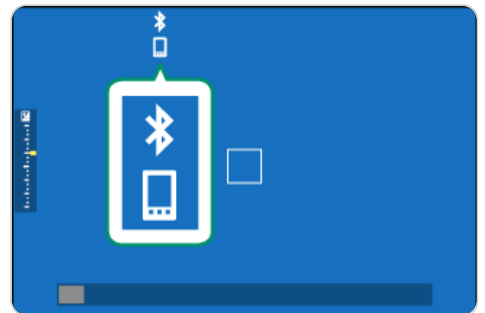
On Bluetooth-era bodies there is no Wi-Fi switch to flip. The manual says the camera 'automatically switches to a wireless LAN connection' when the app asks to transfer or shoot. The phone joins the camera's own network behind the scenes.

On older Wi-Fi-only bodies (X-T2, X-T20, X100F and earlier) press the Fn button set to **WIRELESS COMMUNICATION**, or pick it in the menu. The screen shows a network name like *FUJIFILM-CAMERA-1234*. Join it from the iPhone's Wi-Fi settings.

Fujifilm sets the frequency under **WIRELESS COM. FREQUENCY SETTING** (2.4 or 5 GHz). If an iPhone cannot see the camera, try the other band.



WIRELESS COMMUNICATION on an older body, showing the camera's network name.
Source: https://fujifilm-dsc.com/en/manual/camera_remote/connection/cnt_ios_wifi/index.html



X-T5: the white Bluetooth icon once a phone is linked.

Source: https://fujifilm-dsc.com/en/manual/x-t5/connections/usage_smartphone_app/

4

Or use a USB cable: pick the tether mode

CONNECTION MODE › USB TETHER SHOOTING AUTO

Plug a USB-C cable from the camera into the iPhone. Then set **CONNECTION MODE**. The options:

USB CARD READER: the camera acts as a memory card. Photos only. This is what Fujifilm tells you to use for importing into the iPhone Photos app.

USB TETHER SHOOTING AUTO: the camera takes commands from whatever is on the cable. This is the one an app needs. The camera returns to normal when you unplug.

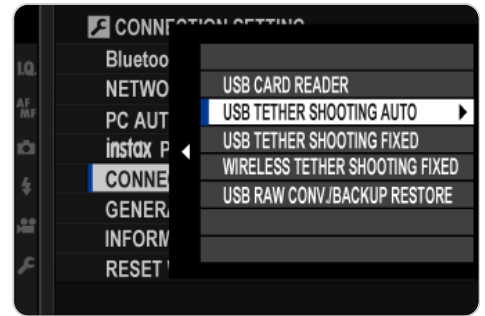
USB TETHER SHOOTING FIXED: same, but stays in tether mode after unplugging, and by default does not write to the card.

WIRELESS TETHER SHOOTING FIXED: computer tethering over a router.

USB RAW CONV./BACKUP RESTORE: only for X RAW STUDIO and X Acquire on a computer.

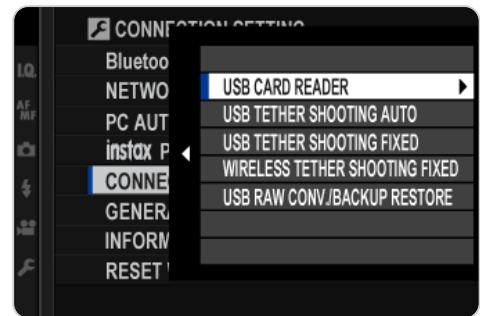
USB WEBCAM (newer bodies): webcam for video calls.

On the original X-T3 firmware this item was called **PC CONNECTION MODE**.



X-T3 (firmware 3.10): CONNECTION MODE with USB TETHER SHOOTING AUTO highlighted.

Source: <https://fujifilm-dsc.com/en/manual/x-t3/connections/computer/index.html>



X-T3: the same list with USB CARD READER highlighted.

Source: <https://fujifilm-dsc.com/en/manual/x-t3/connections/computer/index.html>

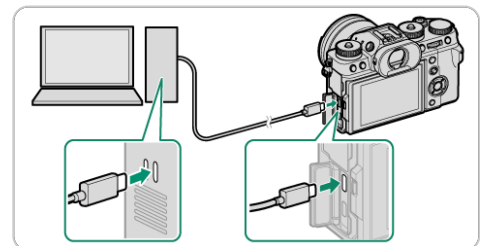
5

Stop the camera trying to charge from the phone

USB POWER SUPPLY/COMM SETTING › POWER SUPPLY OFF/COMM ON

Current bodies draw power over USB by default. With an iPhone on the other end, Fujifilm says to set **USB POWER SUPPLY/COMM SETTING** to **POWER SUPPLY OFF/COMM ON**. Otherwise the phone battery drains into the camera, or the link fails.

AUTO POWER OFF still applies while tethered. Set it longer if the camera keeps dozing.



X-T5: the USB-C connector (Fujifilm line drawing; there is no menu screenshot for this setting).

Source: https://fujifilm-dsc.com/en/manual/x-t5/connections/usage_usb/

Good to know

- The X-T5-generation manual has no picture of the CONNECTION MODE list. The X-T3 picture above matches it except for the added USB WEBCAM entry.
- Fujifilm's Wi-Fi remote link has a one-time 'accept this phone' prompt on the camera the first time a new device connects.

Sources

1. https://fujifilm-dsc.com/en/manual/x-t5/connections/usage_smartphone_app/ (X-T5, pairing and automatic Wi-Fi)
2. https://fujifilm-dsc.com/en/manual/x-t5/connections/network_usb_menu/ (X-T5, NETWORK/USB SETTING items and CONNECTION MODE options)
3. <https://fujifilm-dsc.com/en/manual/x-t5/connections/tethere/> (X-T5, tethering and USB power setting)
4. https://fujifilm-dsc.com/en/manual/x-t5/connections/usage_usb/ (X-T5, USB to iPhone via Photos)
5. <https://fujifilm-dsc.com/en/manual/x-t3/connections/wireless/index.html> and [/connections/computer/index.html](https://fujifilm-dsc.com/en/manual/x-t3/connections/computer/index.html) (X-T3, pairing and CONNECTION MODE)
6. https://fujifilm-dsc.com/en/manual/x100v/menu_setup/connection_setting/index.html (X100V, CONNECTION SETTING)
7. https://fujifilm-dsc.com/en/manual/camera_remote/connect/cnt_ios_wifi/index.html (Camera Remote: WIRELESS COMMUNICATION flow on older bodies)
8. <https://www.fujifilm-x.com/global/products/software/xapp/> and <https://www.fujifilm.com/al/en/news/hq/9422> (XApp launch, Bluetooth requirement)

NIKON

Z series: Z6III, Z8, Z9, Z f, Z50II, Z5II, Z30 and the first-generation Z6, Z7, Z50

THE SHORT VERSION

- Nikon offers both: **Wi-Fi connection (AP mode)** is the camera hotspot, **Wi-Fi connection (STA mode)** joins your router.
- Bluetooth pairing is for SnapBridge and is optional for a Wi-Fi link. If you pair, do both presses quickly; iOS needs *Forget This Device* before a retry.
- Over USB the camera speaks MTP/PTP. On Z8, Z f, Z6III and Z5II leave **USB** on **MTP/PTP**. The *iPhone* option is only for Nikon's NX MobileAir app and turns off the camera's network features.

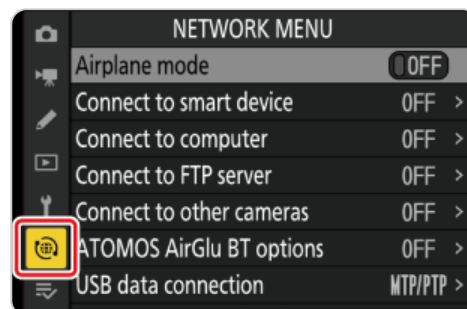
1

Find the network menu

MENU › **network menu (antenna tab)**

Z6III, Z8, Z9, Z f, Z50II, Z5II and Z30 have a dedicated **network menu**. It holds *Connect to smart device*, *Connect to computer*, *Connect to FTP server*, *USB* and *Airplane mode*.

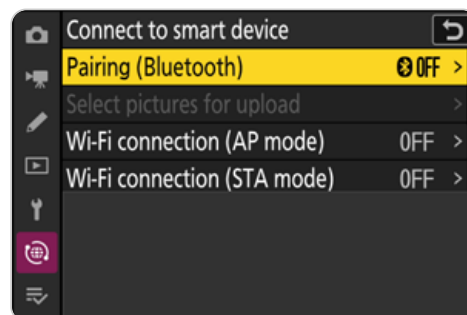
The 2018–2019 Z6, Z7 and Z50 keep the same items in the **SETUP MENU**, and call the computer one **Connect to PC**.



Z 8: the network menu tab.

Source:

https://onlinemanual.nikonimglib.com/z8/en/nwm_menu_items_and_initial_setting_350.html



Z6III: Connect to smart device, with AP mode and STA mode listed.

Source:

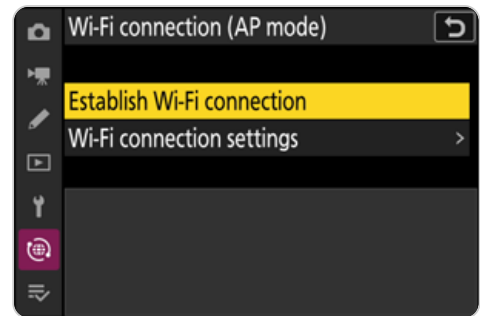
https://onlinemanual.nikonimglib.com/z6III/en/nwm_connect_to_smart_device_359.html

Camera hotspot: AP mode

Connect to smart device › Wi-Fi connection (AP mode)
› Establish Wi-Fi connection

The camera shows an **SSID** and **password**. On the iPhone open Settings, Wi-Fi, and pick the camera. Type the password. The camera then shows a connection-complete message.

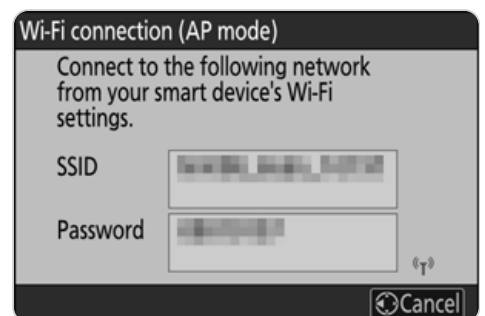
The phone has no internet while it is on the camera's network. On the first-generation Z50 the item is simply **Wi-Fi connection › Establish Wi-Fi connection**.



Z6III: Wi-Fi connection (AP mode) › Establish Wi-Fi connection.

Source:

https://onlinemanual.nikonimglib.com/z6III/en/wireless_connections_89.html



Z6III: the SSID and password screen (Nikon blurs the values).

Source:

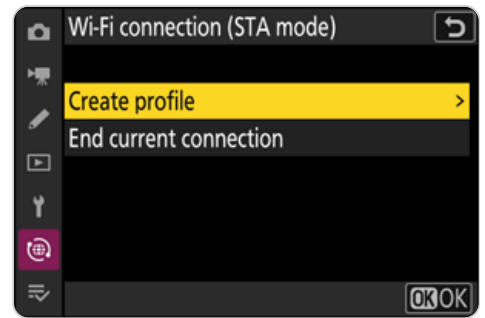
https://onlinemanual.nikonimglib.com/z6III/en/wireless_connections_89.html

Home Wi-Fi: STA mode

Connect to smart device › Wi-Fi connection (STA mode) › Create profile › Search for Wi-Fi network

Name the profile, pick your router from the list (or use WPS), enter the key. The camera remembers the profile.

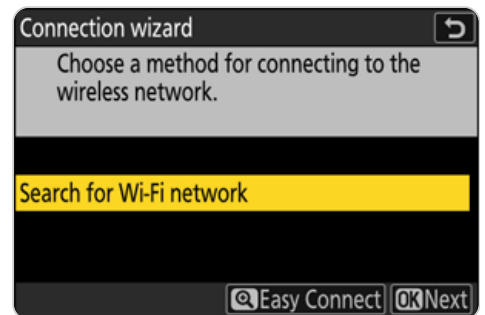
Nikon's note: you can only reach smart devices on the same network. Put the iPhone on the same router.



Z6III: Wi-Fi connection (STA mode) › Create profile.

Source:

https://onlinemanual.nikonimglib.com/z6III/en/wireless_connections_89.html



Z6III: Search for Wi-Fi network in the wizard.

Source:

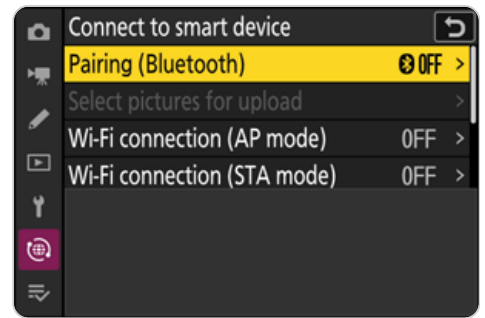
https://onlinemanual.nikonimglib.com/z6III/en/wireless_connections_89.html

Bluetooth pairing (optional)

Connect to smart device › Pairing (Bluetooth) › Start pairing

Only needed for SnapBridge-style features. The camera shows its name, the phone shows a code, and you confirm on both. Nikon warns the pairing fails if you wait too long between confirming on the phone and pressing OK on the camera.

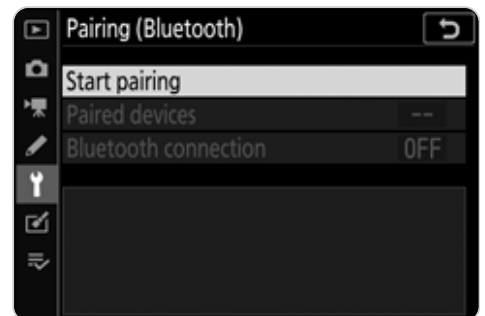
To retry on an iPhone, first open Settings › Bluetooth and *Forget This Device*. To switch it off later: **Pairing (Bluetooth) › Bluetooth connection › OFF**.



Z6III: Start pairing.

Source:

https://onlinemanual.nikonimglib.com/z6III/en/wireless_connections_89.html



Z 50 (2019): the same item in the SETUP MENU.

Source:

https://onlinemanual.nikonimglib.com/z50/en/10_establishing_wireless_connections_03.html

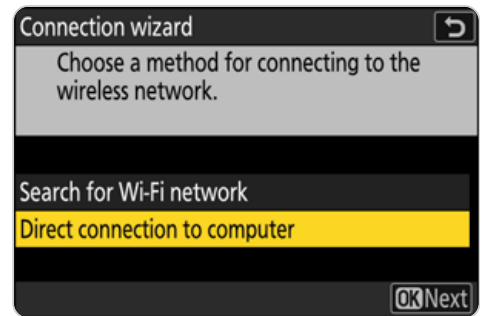
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What 'Connect to computer' is for

Connect to computer › **Network settings** › **Create profile**
› **Direct connection to computer**

This route also makes a camera hotspot (the wizard calls it **Direct connection to computer**) or joins a router (**Search for Wi-Fi network**). It is built for Nikon's computer software and asks the computer to pair with Nikon's Wireless Transmitter Utility.

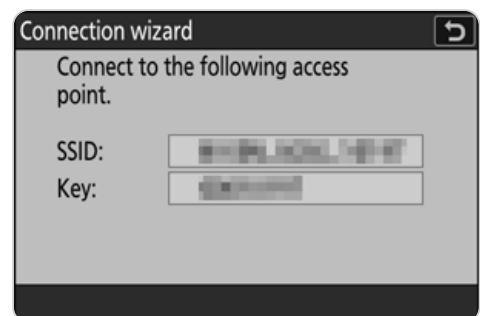
Use it only if an app tells you to. For a phone, the *Connect to smart device* items above are the normal path.



Z 8: the connection wizard with both options.

Source:

https://onlinemanual.nikonimglib.com/z8/en/computers_connecting_via_wireless_lan_90.html



Z 8: SSID and encryption key for the direct connection.

Source:

https://onlinemanual.nikonimglib.com/z8/en/computers_connecting_via_wireless_lan_90.html

6

Or use a USB cable

network menu › **USB** › **MTP/PTP**

Plug a USB-C cable from the camera into the iPhone and turn the camera on.

Z8, Z f, Z6III and Z5II have a **USB** item (the Z8 calls it *USB Data Connection*). Keep it on **MTP/PTP**. Nikon's own words: the **iPhone** option 'enables connection only to iPhones running the NX MobileAir app'; it also disables the built-in network functions and USB charging.

The Z8 has two USB-C ports. Only the data port talks to the phone; the other is power delivery only.

Z6, Z7 and Z50 have no USB menu. Plug in and go. A separate **USB Connection Priority** setting (Upload vs Shooting) decides whether the monitor stays on.

Nikon's manuals describe the USB menu in text only. No screenshot is offered.

Good to know

- Z50II, Z5II and Z30 manuals use icons instead of screenshots; their menu wording matches the Z6III pictures above.
- SnapBridge's remote shooting sets exposure and white balance but not Picture Control. That is a Nikon app limit, not a camera one.

Sources

1. https://onlinemanual.nikonimglib.com/z6III/en/wireless_connections_89.html (Z6III, pairing, AP mode, STA mode)
2. https://onlinemanual.nikonimglib.com/z6III/en/nwm_connect_to_smart_device_359.html (Z6III, Connect to smart device items)
3. https://onlinemanual.nikonimglib.com/z6III/en/nwm_usb_data_connection_368.html and https://onlinemanual.nikonimglib.com/zf/en/nwm_usb_331.html (USB: MTP/PTP vs iPhone)
4. https://onlinemanual.nikonimglib.com/z8/en/nwm_menu_items_and_initial_setting_350.html (Z 8, network menu)
5. https://onlinemanual.nikonimglib.com/z8/en/computers_connecting_via_wireless_lan_90.html (Z 8, Connect to computer wizard, ports 15740/5353)
6. https://onlinemanual.nikonimglib.com/z8/en/computers_connecting_via_usb_89.html and [sum_usb_connection_priority_343.html](https://onlinemanual.nikonimglib.com/z8/en/computers_connecting_via_usb_89.html) (Z 8, USB ports and priority)
7. https://onlinemanual.nikonimglib.com/z50/en/10_establishing_wireless_connections_03.html (Z 50 2019, SETUP MENU path)
8. https://onlinemanual.nikonimglib.com/z7_z6/en/10_connections_02.html (Z 6 / Z 7, Connect to PC)
9. https://nikonimglib.com/snbr/onlinehelp/en/remote_photography_with_live_view_17.html (SnapBridge remote controls)

CONNECT YOUR CAMERA

SONY

Alpha and ZV bodies: a7 IV, a7R V, a7C II, a6700, ZV-E10 II and the older a7 III / a6400 generation

THE SHORT VERSION

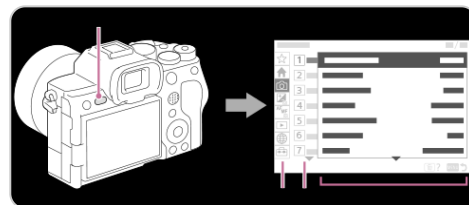
- Newer bodies (a7 IV onward) pair over Bluetooth through Sony's Creators' App. You can skip pairing and use the hotspot: press the trash button on the connection screen to show the *DIRECT-xxxx* network.
- Older bodies (a7 III, a6400, a6600) use **Ctrl w/ Smartphone**. Hotspot only; no router mode for phones.
- Over USB, set **USB Connection Mode** to **Remote Shooting** (older wording: **PC Remote**). *Mass Storage* and *MTP* only copy files.

1 Find the Network menu

MENU › Network (globe tab)

Sony's manuals show menus as line drawings, not photos. The pictures on this page are those drawings; the words below are what the screen says.

On the a7 IV generation the group is called **Cnct./Remote Sht.** On a6700, a7C II, a7CR, ZV-E1 and ZV-E10 II the same group is **Cnct./PC Remote**. On the a7 III generation the globe tab holds **Ctrl w/ Smartphone** directly.



a7 IV: MENU button and the tab layout. The globe is Network.

Source:

<https://helpguide.sony.net/ilc/2110/v1/en/contents/TP1000640145.html>



a7 III: the older tabbed menu.

Source:

<https://helpguide.sony.net/ilc/1720/v1/en/contents/TP0001653096.html>

2

Hotspot on newer bodies

Network › **Cnct./Remote Sht.** › **Smartphone Connection**

Open **Smartphone Connection**. The camera waits for Creators' App over Bluetooth. If you follow the prompts it sets **Bluetooth Function** to On and the app brings up Wi-Fi later by itself.

To skip Bluetooth: on that waiting screen press the **Delete (trash)** button. The camera shows its **SSID** (*DIRECT-xxxx*) and password. Join it from the iPhone's Wi-Fi settings.

The a7 IV needs firmware 2.00 or later for Creators' App. Imaging Edge Mobile no longer works on it after that update.

Sony does not publish a picture of the Smartphone Connection screen. The manual gives the path in text.

3

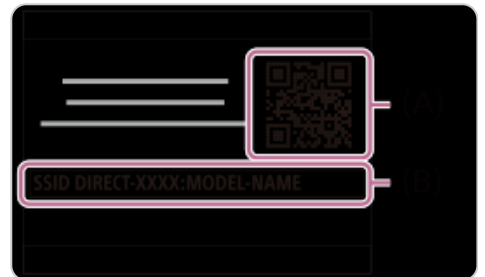
Hotspot on older bodies

Network › **Ctrl w/ Smartphone** › **Ctrl w/ Smartphone: On** › **Connection**

Turn **Ctrl w/ Smartphone** On, then open **Connection**. The screen shows a QR code and the SSID *DIRECT-xxxx*.

On the iPhone, scan the QR code with the Camera app or pick the network under Settings › Wi-Fi and type the password shown. **Always Connected** keeps the link up between shots.

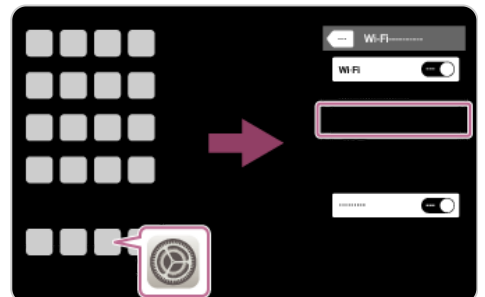
These bodies have no router mode for phones. *Access Point Set.* exists only for sending pictures to a computer.



a7 III: the Connection screen. (A) QR code, (B) SSID.

Source:

<https://helpguide.sony.net/ilc/1720/v1/en/contents/TP0001661941.html>



a7 III manual: picking DIRECT-xxxx in the iPhone's Wi-Fi list.

Source:

<https://helpguide.sony.net/ilc/1720/v1/en/contents/TP0001661941.html>

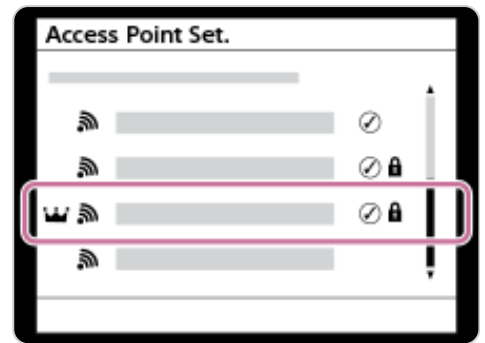
4

Home Wi-Fi on newer bodies

Network › Wi-Fi › Wi-Fi Connect: On › Access Point Set.

Pair over Bluetooth first (step 2). Then register your router under **Access Point Set.**, or hold the router's WPS button and use **WPS Push**. Set **Wi-Fi Connect** to On.

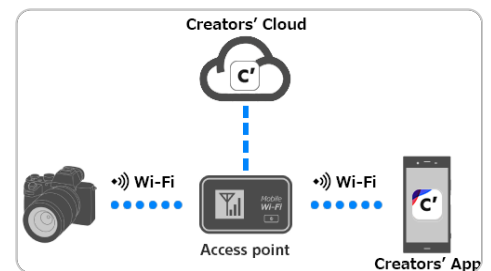
Put the iPhone on the same router. Creators' App then reaches the camera through the router instead of the hotspot, so the phone keeps internet.



a7 IV: Access Point Set. list. Lock = secured, crown = WPS.

Source:

<https://helpguide.sony.net/ilc/2110/v1/en/contents/TP1000616508.html>



Creators' App help: camera and phone on the same access point.

Source: https://helpguide.sony.net/di-app/ca/v1/en/contents/CA_ap_connect.html

5

Or use a USB cable

Setup › USB › USB Connection Mode › Remote Shooting

Plug a USB-C cable from the camera into the iPhone. On the a7 IV and newer, set **USB Connection Mode** to **Remote Shooting** (some firmware calls it *PC Remote*). *Sel. When Connect* asks each time. *MassStorage* and *MTP* only transfer files. *USB Streaming* turns the camera into a webcam.

On the a7 III generation it is **Setup › USB Connection › PC Remote**. Set **Ctrl w/ Smartphone** to Off first, or the camera refuses to switch.

The camera will not accept a PC-style remote session while a phone is connected over Wi-Fi. Disconnect one before starting the other.

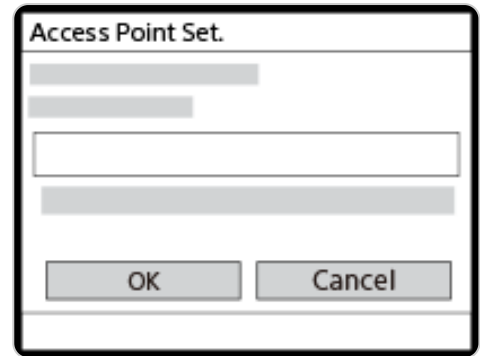
Sony's manuals describe USB Connection Mode in text only.

Remote Shoot Function (network control)

Network › **Cnct./Remote Sht.** › **Remote Shoot Function** › **Remote Shooting: On**

This is the switch that lets a computer-style controller drive the camera over a network. Sub-items: **Pairing**, **Wi-Fi Direct Info.** (the camera's own SSID for a direct link) and **Access Authen. Info.**

On a1, a9 III and a7R V class bodies there is also **PC Remote Cnct Method**: USB, Wired LAN, Wi-Fi Direct or Wi-Fi Access Point. Pick the one that matches how you plugged in.



a7 IV: password entry for a router (Access Point Set.).

Source:

<https://helpguide.sony.net/ilc/2110/v1/en/contents/TP1000616508.html>

Good to know

- Creators' App replaced Imaging Edge Mobile in 2023. First-time pairing must be started from inside Creators' App, not from the iPhone's Bluetooth settings.
- Sony's USB-to-phone support list lives on [sony.com](https://www.sony.com) and changes by model. Check it for your body before buying a cable.

Sources

1. <https://helpguide.sony.net/ilc/2110/v1/en/contents/TP1000660160.html> (a7 IV, Smartphone Connection, trash button for SSID)
2. <https://helpguide.sony.net/ilc/2110/v1/en/contents/TP1000954814.html> and [TP1000616508.html](https://helpguide.sony.net/ilc/2110/v1/en/contents/TP1000616508.html) (a7 IV, Wi-Fi Connect and Access Point Set.)
3. <https://helpguide.sony.net/ilc/2110/v1/en/contents/TP1000616544.html> (a7 IV, USB Connection Mode options)
4. <https://helpguide.sony.net/ilc/2110/v1/en/contents/TP1000656591.html> (a7 IV, Remote Shoot Function)
5. https://helpguide.sony.net/ilc/2320/v1/en/contents/202h_register_smartphone.html and [0903_pc_remote_function.html](https://helpguide.sony.net/ilc/2320/v1/en/contents/0903_pc_remote_function.html) and [0601_usb_connection.html](https://helpguide.sony.net/ilc/2320/v1/en/contents/0601_usb_connection.html) (a6700 generation wording)
6. <https://helpguide.sony.net/ilc/1720/v1/en/contents/TP0001661963.html>, [TP0001661941.html](https://helpguide.sony.net/ilc/1720/v1/en/contents/TP0001661941.html), [TP0001629775.html](https://helpguide.sony.net/ilc/1720/v1/en/contents/TP0001629775.html) (a7 III, Ctrl w/ Smartphone, QR connection, USB Connection)
7. https://helpguide.sony.net/di-app/ca/v1/en/contents/CA_ap_connect.html, [CA_remote_shooting.html](https://helpguide.sony.net/di-app/ca/v1/en/contents/CA_remote_shooting.html), [CA_connect_camera.html](https://helpguide.sony.net/di-app/ca/v1/en/contents/CA_connect_camera.html), [CA_usb_connect.html](https://helpguide.sony.net/di-app/ca/v1/en/contents/CA_usb_connect.html) (Creators' App help)
8. <https://support.d-imaging.sony.co.jp/support/cscs/l/iemconnect/7m4/index.php> (a7 IV firmware 2.00 and Imaging Edge Mobile)
9. https://support.d-imaging.sony.co.jp/app/imagingedge/en/instruction/4_1_connection.php (PC Remote Cnct Method)