

UXPHOTO LIVE · CAMERA SETUP GUIDE

FTP Setup Guide: Sony A7R V (ILCE-7RM5)

This guide connects your camera's built-in FTP function to the UXPhoto app on your phone so photos upload while you shoot. Menu items shown in bold **[brackets]** are the exact names on the camera screen, taken from the manufacturer's official manual.

Your UXPhoto Live FTP details

Server / host name	s1-<your phone number>.ftp.uxphoto.live — shown at the top of the event's running page in the UXPhoto app (example: s1-9566078264.ftp.uxphoto.live)
Port	2121
User name	uxphoto
Password	uxphoto
Secure FTP	Off — use plain FTP (not FTPS/SFTP): [Secure Protocol]: [Off]
Passive mode	Always on — this camera only uses passive mode, no setting needed
Folder	Leave blank / root (home) folder

Part A — Prepare your phone and the UXPhoto app

1. Turn off Wi-Fi on your phone so it is not connected to any nearby Wi-Fi network. Keep mobile data on.
2. Turn on the phone's hotspot and note its name and password — you will enter them in the camera.
 - iPhone: Settings → Personal Hotspot → turn on Allow Others to Join, and turn on Maximize Compatibility. Keep this screen open while the camera connects for the first time.
 - Android: Settings → Hotspot & tethering → Wi-Fi hotspot → turn it on. If offered, set the band to 2.4 GHz.
3. Open the UXPhoto app on the phone.
4. Tap your event. This opens the event's running page.
5. Note the host shown at the top of the running page. It looks like s1-<your phone number>.ftp.uxphoto.live, for example s1-9566078264.ftp.uxphoto.live. You will enter it in the camera as the FTP server address.

Part B — Before you start (camera)

1. Charge the battery and insert a memory card (images upload after they are recorded to the card).

2. Update the camera to the latest firmware from the manufacturer's support site.
3. Set the camera's date and time correctly.

Step 1 — Connect the camera to your phone's hotspot

1. Press **MENU** and select (Network) → **[Wi-Fi]** → **[Access Point Set.]**.
2. Select your phone's hotspot name from the list (or choose **[Manual Setting]** to type it).
3. Enter the hotspot password and select **[OK]**. Leave **[IP Address Setting]** at **[Auto]**.
4. Make sure **MENU** → (Network) → **[Wi-Fi]** → **[Wi-Fi Connect]** is set to **[On]**.

Using a Wi-Fi network instead of the phone hotspot

The phone hotspot is the recommended connection. If you use a Wi-Fi network instead, the camera and the phone must be connected to the same Wi-Fi network.

Example: at a hotel, connect your phone to the network "Hotel_Events". Then, in Step 1, select "Hotel_Events" on the camera as well and enter the same Wi-Fi password.

Avoid guest networks: they often stop devices from talking to each other, so photos will not arrive. If in doubt, use the phone hotspot.

Step 2 — Register the UXPhoto Live FTP server

1. Press **MENU** and select (Network) → **[FTP Transfer]** → **[FTP Transfer Func.]** → **[Server Setting]** → **[Server 1]**.
2. Select **[Display Name]** and enter UXPHOTO (max. 8 characters).
3. Open **[Destination Settings]** and set:
 - **[Host Name]**: your host from the UXPhoto app (e.g. s1-9566078264.ftp.uxphoto.live)
 - **[Secure Protocol]**: **[Off]**
 - **[Port]**: 2121
4. Open **[Directory Settings]**: leave **[Specify Directory]** blank, set **[Directory Hierarchy]** to **[Standard]** and **[Same File Name]** to **[Does Not Overwrite]**.
5. Open **[User Info Settings]** and set **[User]**: uxphoto and **[Password]**: uxphoto.
6. Passive mode: no setting needed — Sony states this camera always uses passive mode (it is not compatible with active mode).
7. Return to **[Server Setting]** and make sure **[Server 1]** (UXPHOTO) is the selected server.

Step 3 — Connect to the server

1. Press **MENU** and select (Network) → **[FTP Transfer]** → **[FTP Transfer Func.]** → **[FTP Function]** → **[On]**.
2. The camera connects to the FTP server over Wi-Fi. The FTP connection icon appears on the shooting screen when connected.
3. Optional: set **[FTP Power Save]** to **[Off]** so the connection stays up between shots.

Step 4 — Turn on automatic transfer while shooting

1. Press **MENU** and select (Network) → **[FTP Transfer]** → **[FTP Transfer Func.]** → **[Auto FTP Transfer]** → **[On]**.
2. Optional: in **[Auto FTP Target]** choose Still Image **[All]** so every still is uploaded (use **[Protect Only]** to send only protected images).
3. Take a picture. Each still image is uploaded to UXPhoto Live after it is recorded to the card.

Sending images that are already on the card

1. To send images already on the card: **MENU** → (Network) → **[FTP Transfer]** → **[FTP Transfer Func.]** → **[FTP Transfer]**.
2. Choose **[Target Group]** (e.g. **[This Date]** or **[This Media]**), **[Transfer Status]** **[Only Non-transfer]**, then select **[OK]**.
3. Check results in **[Display FTP Result]**.

Troubleshooting

Messages are quoted as they appear on the camera. Most problems come from a typo in the host name, port, user name or password, or from the phone hotspot or mobile data being switched off.

Camera message	What to do
Camera cannot find the phone's hotspot	Keep the hotspot switched on and the phone close to the camera. iPhone: turn on Maximize Compatibility and keep the Personal Hotspot screen open. Android: set the hotspot band to 2.4 GHz.
Host not found / cannot reach the server	Re-check the host shown at the top of the event's running page in the UXPhoto app (format s1-<your phone number>.ftp.uxphoto.live). Make sure mobile data is on and the UXPhoto app is open on the event.
"Failed to acquire an IP address."	The phone hotspot did not give the camera an address. Turn the hotspot off and on again, then reconnect the camera.
"Failed to acquire an IP address. Check the DNS server setting or the DESTINATION SET."	Check that [Host Name] is exactly your host from the UXPhoto app (e.g. s1-9566078264.ftp.uxphoto.live). If [IP Address Setting] is [Manual] , re-enter a valid DNS address (or set it back to [Auto]). Make sure mobile data is on in the phone.
"Failed to connect to an FTP server."	Check [Host Name] and [Port] (2121) under [Destination Settings] , and that [Secure Protocol] is [Off] . Confirm the UXPhoto Live event is active.
"Could not create a directory on the FTP server."	Clear the [Specify Directory] field (leave it blank) or remove special characters from it.

Camera message	What to do
"Cannot transfer to the FTP server."	The server refused the file (storage full or permission removed). Contact UXPhoto Live support.
[Connection Error] screen / FTP icon shows an error	The network connection was lost. Check the phone hotspot, then see MENU → (Network) → ... → [Display FTP Error Info.] (where available) for details.

Still stuck? Re-check the host from the UXPhoto app and the values in the table at the top, turn the camera off and on, and reconnect. If the problem continues, contact UXPhoto Live support with the camera model and the exact message.

Official sources

Menu names and procedures in this guide come from these manufacturer documents:

- [Sony FTP Help Guide – ILCE-7RM5](#)
- [ILCE-7RM5 Help Guide – FTP Transfer Func.](#)

Checked against official manuals on 13 October 2026. Menu wording can change with firmware updates.