Setting up FTP Transfer with the Sony a1

1. Go to the very first page of the camera menu and select "File Format", we like to set this to "raw + jpeg" so that we can send our jpegs over FTP so it works much faster. You can also select what size jpeg you want to send. Just remember, that smaller the image size, the faster it will send.
2. Go to "Network" (green globe) menu 4 "Wi-Fi"
3. Scroll to and select "Access Point Set.". This is where you will choose your Wi-Fi connection. You can always go here to change which Wi-Fi you connect to when transferring to PicPortal. Select which Wi-Fi you want to connect to.
   - Some venues provide Wi-Fi networks. Otherwise I often just use the hotspot on my cell phone.
   - You must be using a network that does not have a "splash" page. Splash pages often require authentication or acceptance of terms before a user can use the network. There is no way to interact with these on the camera.
4. Enter the password (if applicable).
5. Leave "IP Address Setting" on "Auto" and if this is a Wi-Fi connection you will be using consistently, I would recommend turning "Priority Connection" to "On".
6. Click "Ok" and wait for it to establish a connection. When it connects it will say "Registered" then click "Ok".
7. Go to "Network" (green globe) menu 2 "Transfer/Remote".
8. Select "FTP Transfer Func."
9. Turn "FTP Function" to on.
10. Change "FTP Connect Method" to Wi-Fi
11. Select "Server Setting" and select a server that has not been used yet. The a1 gives you nine options to set up. If none have been set up yet, you can just select "Server 1". You can add as many different locations to upload to as you would like
    - Note that you can select which server you want to use by selecting the circle on the left if you set up multiple FTP transfer locations, but for the initial set up (or if you need to change anything), you will need to actually highlight and select "Server 1" to take you to the rest of the menu options.
12. Set a display name to whatever you would like. I have mine set up as "*Live Gallery" so I know where this server is connected to.
13. Select "Destination Settings". This is where the information for connecting to the PicPortal servers page comes into play. Under "Host Name" type in **ftp.picportal.co**
14. Leave "Secure Protocol" to "Off"
15. Make sure you are using "Port 21"
16. Go to "Directory Settings" and leave "Specify Directory" empty but change "Directory Hierarchy" to "Same as Camera"
17. Select "OK".
18. Go to "User Info Settings" and enter the username and password you created on your PicPortal gallery.

19. Select "OK" twice to go back to the "Server Setting" menu. Make sure that the server you set up is selected with the little dot next to your server then select "OK".

20. Scroll down to "Auto FTP Transfer". I keep this off because I want to select the images to send to PicPortal. If you turn it on, you will send every image you take while connected to your FTP site.

21. Scroll down and select the "RAW+J/H Transfer Target" menu. This is where you can select if you send both RAW plus JPEG & HEIF, RAW only, or JPEG & HEIF only. That is up to you. We encourage you to use "JPEG & HEIF" (and shoot RAW+JPEG for this reason) because to send images fast during events, only sending a JPEG will be fastest. Sending a RAW file can take a long time and is not efficient nor needed in the moment.

22. Then go to "Transfer JPEG size". Again, this option is personal preference. We encourage you to use the Small Size because if these images are mainly being used on social media then they are still enough quality and are faster to send.

23. Scroll to and select "Transfer Target". If you are sending video, you can choose to just send a proxy video, the original video, or both.

24. I keep "FTP Power Save" to "Off" so it keeps your connection going. I have not noticed much of a drain on your battery doing this.

25. I like to set the "Fn" button on the back of my camera as the FTP Transfer button to use when I want to send an image (You can set up any button you want to do this.) I did this by going to the "Setup" menu (yellow tool box) menu 3 "Operations Customize" and the to the third "Custom Key Setting" with the play symbol next to it. Then I selected the "Fn Button" (under the "Rear" option, and it is number 3) and chose "FTP Transfer (This img.)" in the Network category menu 2 "Transfer/Remote". I hope that all made sense.

26. Once that is all set, and your Wi-Fi is connected, you should be able to push the "Fn" button when you are reviewing your images and it will start to send.
    - When the "FTP" is solid white in the top *right* corner of your screen, it is connected.
    - When the "FTP" with the up arrow is white in the top *right* corner of your screen, it is uploading.
    - When the "FTP" with the up arrow is orange in the top *right* corner of your screen after you have tried sending, it is not connected to Wi-Fi. You will need to try and reconnect.
    - When the "FTP" with the up arrow is flashing white in the top *right* corner of your screen, it is trying to connect.
    - When an image is in process of uploading, you will see two circular arrows next to the "FTP" in the top *left* of your screen.
    - When you see a check mark next to the "FTP" on the top *left* of your screen, the image has been sent successfully.