



Ethernet Tethering

RGM Synovations, Inc guide to the ethernet tethering your Sony a9 and a9M2 for FTP Transmission

RGM Synovations, Inc.

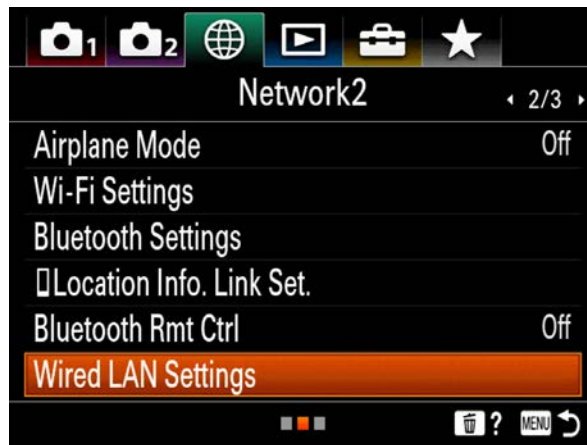
03/2020

Sony a9 & a9M2 Set Up

Very Important Note: Once you have done all your settings go back to the main menu and turn your camera off for at least 10 seconds so that all your settings will be saved to the camera's internal memory. If you turn the camera off and on again without waiting for 10 seconds in the off position your settings will be lost.

How to Connect

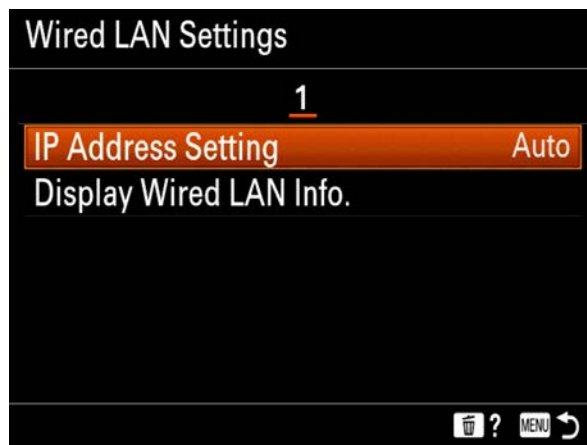
Network Menu
Network2 (Tab2)



Step 1:

Wired LAN Settings - IP Address Setting

- Auto - For when using a network with DHCP services.
- Manual - Here you can manually set you network settings.



Where to Send

Network Menu

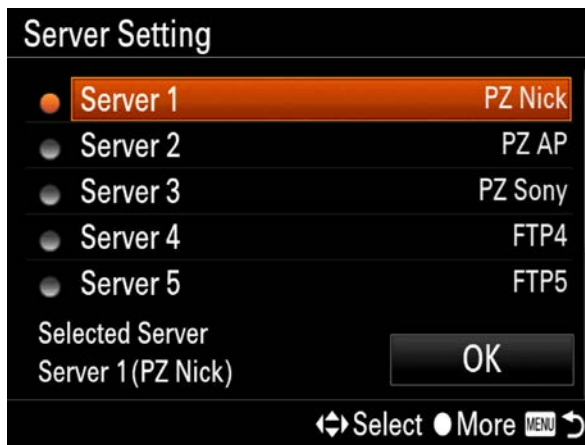
Network1

Step 2:

FTP Transfer Func. (Tab1)



- FTP Function – On
- FTP Connect Method – Wired LAN
- Server Setting – Server Setting, you can set up to nine separate FTP sites.



a) Server 1

- Display Name – You can give your settings a Name different than the generic camera generated name Server1

Step 2:



b) Destination Settings

- Here you will set in Host Name of your destination FTP or FTPS server.
- Secure Protocol – Off (Unless you need SSL and TLS encryptions (FTPS) for added security).
- Root Certificate – Blank (Only used with Secure Protocol On).
- Port – 21 (The port number of your FTP server)

c) Directory Settings

- Specify Directory – Blank (If you need to put your files in a Certain directory enter it here).
- Directory Hierarchy – Standard (If building directories in camera switch it to “Same as in Camera”)
- Same File Name – Does Not Overwrite (In case you have multi cameras with the same File Name.

d) User Info Settings

- User – Your User name for FTP access
- Password – Your FTP password.

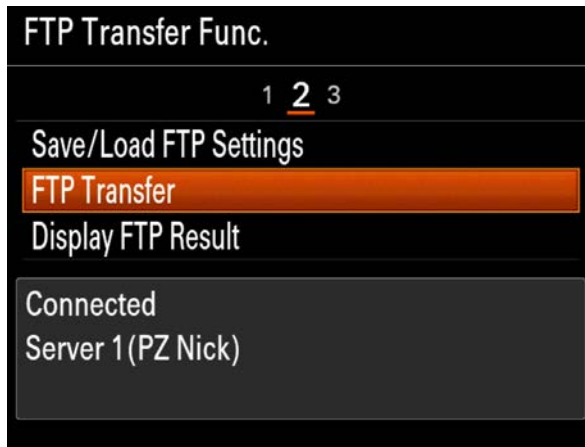
When You Want to Send

Network Menu
Network1

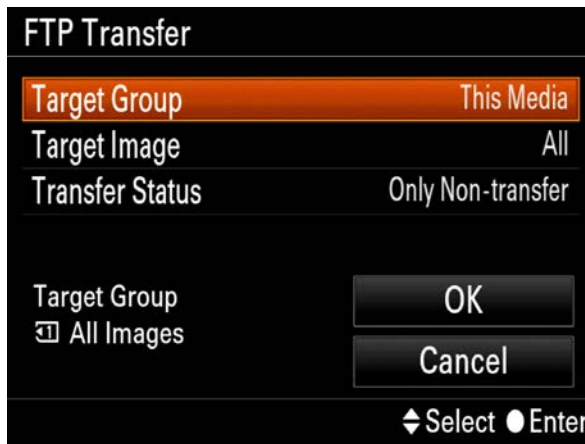
Step 3:

FTP Transfer Func. (Tab2)

- FTP Transfer (User Preferences)



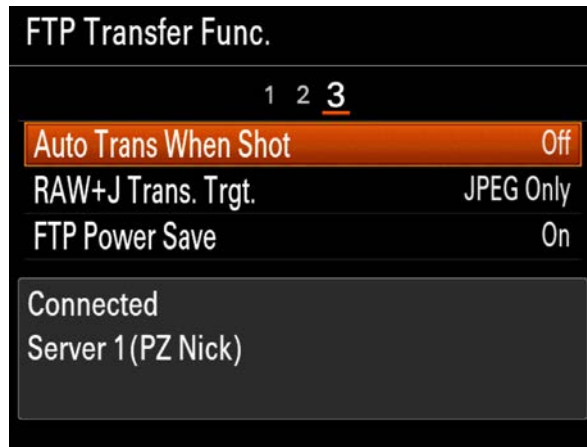
- a) Target Group – This Media
- b) Target Image – All Images
- c) Transfer Status – Only Non-transfer



Note: As soon as you select OK the camera will connect and start transferring images.

Preferences: Selecting Auto Send and Files Types to Send

Network Menu
Network1
FTP Transfer Func. (Tab3)



- a) Auto Trans When Shot – On (If you want to send all photos as they are shot).
- b) RAW+J Trans. Trgt – JPEG Only (Choose the files types you want sent)
- c) FTP Power Save – On (If Set to off it will drop the FTP connection after a period of time, but not the Network connection).

Tip: Programing a Custom Function Button to quickly access FTP Transfer

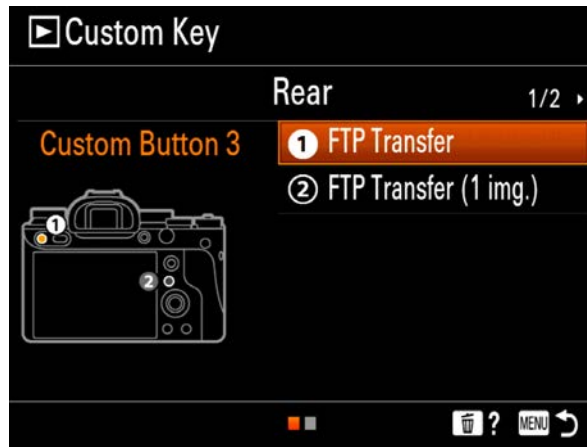
Camera Tab2

Custom Operation1 (Tab9)

– Playback Custom Key (Third item on the list)



– Custom Button 3, #1 set-to FTP transfer



In this configuration while in Playback if you push C3 (Custom Button Three) the FTP preferences will come up and you can change your FTP preferences and send. If you push the Fn Button in Playback it will FTP the current image on the display.

You can find further information of Sony Networking at <https://helpguide.sony.net/di/ftp/v1/en/index.html>

Sony a9 v6.0 Firmware

Sony a9M2 Firmware 1.01

<https://www.sony.com/electronics/support/e-mount-body-ilce-9-series/downloads>

Please note: That the original a9 only supports 100Mbps wired and 2.4GHz Wi-Fi connections, the a9M2 supports both 2.4GHz and 5GHz Wi-Fi connections and 1000BASE-T gigabit Ethernet connections.