

Going Wireless

with a D4 Digital SLR Camera and WT-5 Wireless Transmitter

This guide outlines two of the many ways you can use the WT-5 wireless transmitter to connect your D4 digital camera to a network.

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Method 1: PC Transfer Mode

Use PC transfer mode to upload to a computer photographs and movies stored on the camera memory cards or to save photos to a computer as they are taken. This guide describes how to connect to a network in infrastructure mode and upload pictures.

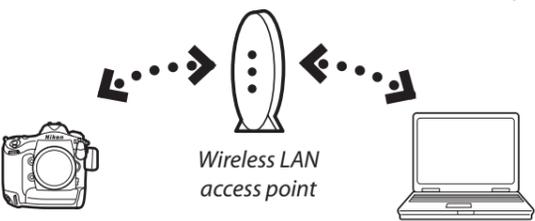
Method 2: HTTP Server Mode (See Reverse)

In HTTP server mode, you can use a web browser to access the camera from a computer or iPhone and view pictures or take pictures remotely. This guide describes how to use an iPhone to log in to the camera in *ad hoc* mode.

Lack of space prevents a complete description of network settings and options. For more information on these topics and on system requirements, see the WT-5 manual or the network guide supplied with your camera.

Infrastructure and Ad Hoc Modes
When used with the D4, the WT-5 can connect in infrastructure and *ad hoc* modes.

Infrastructure mode: Connection via a wireless LAN access point.

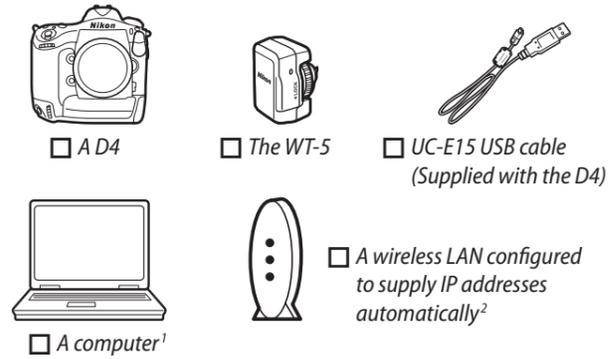


Ad hoc mode: A direct peer-to-peer connection without a wireless LAN access point.



Uploading Pictures in PC Transfer Mode

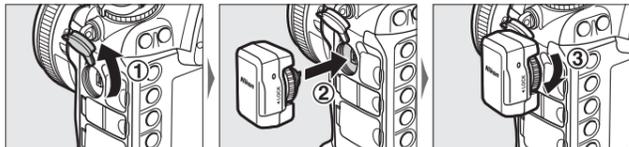
What You'll Need



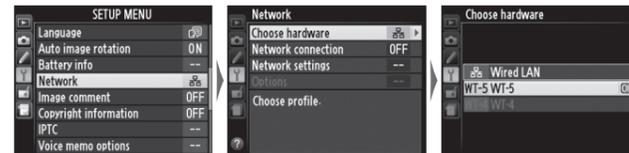
- Before proceeding, confirm that the computer is connected to a wireless network and that the Wireless Transmitter Utility is installed (installation instructions may be found in the network guide supplied with the camera). If you are using a firewall, you will also need to add a port exception to the firewall exceptions list.
- For information on setting up a wireless LAN, see the documentation provided with the wireless LAN adapter.

Connecting to an Existing Network

This section describes how to create a network profile and connect to an existing network.

- Connect the WT-5 to the camera.**
Turn the camera off, connect the WT-5, and then turn the camera on.
- 

- Select WT-5.**
In the camera setup menu, select **Network > Choose hardware** and highlight **WT-5**.

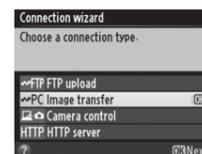


Press **OK** to select the highlighted option and return to the network menu.

- Start the connection wizard.**
Select **Network settings > Create profile > Connection wizard**.



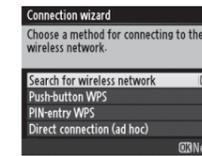
- Select PC transfer mode.**
Select **Image transfer**.



- Enter a profile name.**
Enter a profile name as described in the WT-5 manual, or press **OK** to use the default profile name.



- Select Search for wireless network.**
The WT-5 will search for wireless networks.



- Choose a network.**
A list of network SSIDs will be displayed. Select the SSID used by your network.



Hidden SSIDs
Hidden SSIDs do not appear in the list of available networks. To connect to a network with a hidden SSID, select a blank SSID and enter the network name when prompted.

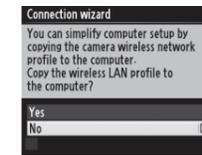
- Enter the encryption key.**
Enter an encryption key if prompted (if the network uses open authentication, this dialog will not be displayed; proceed to Step 9).



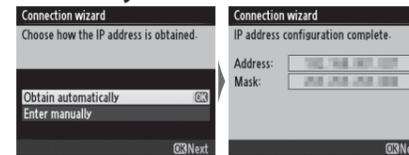
When a connection is established, the message at right will be displayed, followed by the dialog shown in Step 9.



- Select No.**
Select **No** when prompted to choose whether to copy network settings to the computer.



- Select Obtain automatically.**
Press **OK** when the camera IP address is displayed.



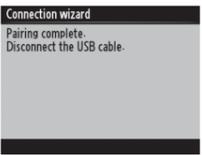
- Connect the camera to the computer.**
When prompted, connect the camera to the computer via USB.



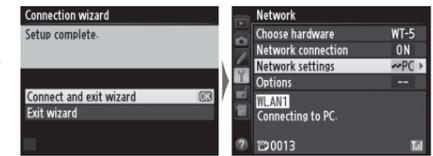
- Start the Wireless Transmitter Utility.**
Pairing starts automatically.



- Disconnect the camera.**
Disconnect the camera from the computer when prompted.



- Select Connect and exit wizard.**
The wizard will end and network status will be displayed.



Uploading Pictures

After connecting to the network, follow the steps below to upload pictures from the camera memory cards.

- Display pictures.**
Press the camera **▶** button.
- Choose a picture.**
Display a picture full frame or highlight it in thumbnail playback.



- Upload the picture.**
Press **OK** and the center of the multi selector. A white transfer icon will appear on the picture and upload will begin immediately. The transfer icon turns green during upload, and turns blue when upload is complete.



To upload a picture that has already been uploaded once, press **OK** and the center of the multi selector once to remove the blue transfer icon, and then press **OK** and the center of the multi selector again to mark it with a white transfer icon.

- During Upload**
Do not remove the memory card during upload.
- Auto Upload**
To upload photographs as they are taken, select **On** for **Network > Options > Auto send** in the camera setup menu.
- Destination Folders**
By default, images are uploaded to the following folders:
 - **Windows:** \Users*(user name)*\Pictures\Wireless Transmitter Utility
 - **Mac OS:** /Users/*(user name)*/Wireless Transmitter Utility
 The destination folder can be selected using the Wireless Transmitter Utility.

Controlling the Camera from an iPhone in HTTP Server Mode

What You'll Need



□ A D4



□ The WT-5



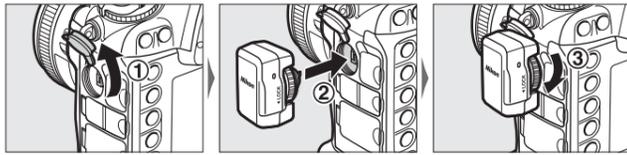
□ An iPhone

Creating a Network Profile

This section describes how to create a new network profile for use when controlling the camera from a computer or iPhone.

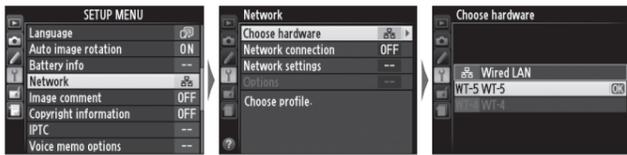
1 Connect the WT-5 to the camera.

Turn the camera off, connect the WT-5, and then turn the camera on.



2 Select WT-5.

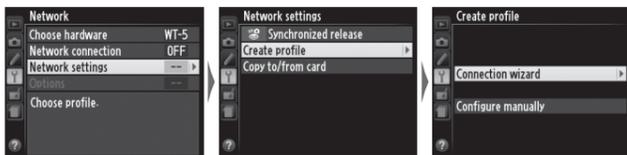
In the camera setup menu, select **Network > Choose hardware** and highlight **WT-5**.



Press **OK** to select the highlighted option and return to the network menu.

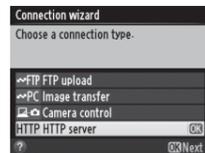
3 Start the connection wizard.

Select **Network settings > Create profile > Connection wizard**.



4 Select HTTP server mode.

Select **HTTP server**.



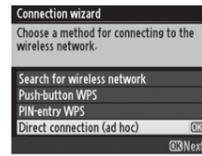
5 Enter a profile name.

Enter a profile name as described in the WT-5 manual, or press **OK** to use the default profile name.



6 Select ad hoc mode.

Select **Direct connection (ad hoc)**.



7 Name the network.

Enter the network name (SSID) that will be used when you connect via the iPhone, or press **OK** to use the default SSID.



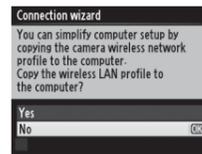
8 Choose a password.

Enter the password (encryption key) that will be used when you connect via the iPhone, or press **OK** to use the default encryption key. ("nikon")



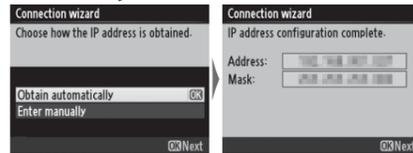
9 Select No.

Select **No** when prompted to choose whether to copy network settings to the computer.



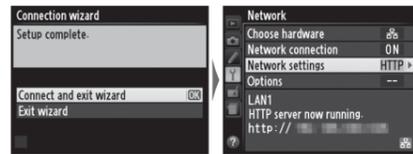
10 Select Obtain automatically.

Press **OK** when the camera IP address is displayed.



11 Select Connect and exit wizard.

The wizard will end and network status will be displayed.



Connecting to the Camera

This section describes how to access the camera from the iPhone web browser.

1 Turn iPhone Wi-Fi on.

On the iPhone, select **Settings > Wi-Fi** and choose **ON**.



2 Choose the camera network.

The iPhone will display a list of available networks. Tap the SSID you entered in Step 7 of "Creating a Network Profile".



3 Enter the password.

Enter the network encryption key you choose in Step 8 and tap **Join**.



4 Enter the camera IP address.

Start the iPhone web browser and enter the camera URL ("http://" followed by the IP address as shown in the camera network status display).



5 Enter your user name and password.

If you are using the default user name and password, enter "nikon" for the user name and leave the password field blank.



6 Select an operating mode.

Tap **Shooting/Viewer** to take and view pictures or **Viewer** to view existing pictures. Only one user at a time can connect using **Shooting/Viewer**.



Shooting/Viewer

Viewer

For more information on HTTP server mode, see the network guide supplied with the camera.