Introduction

Thank you for your purchase of a WT-6 wireless transmitter for compatible Nikon digital cameras. The WT-6 is for use exclusively in the country of sale; operation in other jurisdictions is not guaranteed. Users who are unsure as to the country of purchase are requested to contact a Nikon-authorized service representative for more information. Please read this manual thoroughly and keep it where all those who use the product can read it.

The principal difference between the WT-6 and WT-6A/B/C is in the number of channels supported; unless otherwise stated, all refercences to the WT-6 also apply to the WT-6A/B/C.

Symbols and Conventions

The following symbols and conventions are used throughout this manual:

☑	This icon marks cautions, information that should be read before use to prevent damage to the product.
✎	This icon marks notes, information that should be read before using the device.
🕮	This icon marks references to other pages in this manual.

Save where otherwise noted, it is assumed that default camera settings are used.

Background Knowledge

This manual assumes basic knowledge of ftp servers and local area networks (LANs). For more information on installing, configuring, and using devices in a network, contact the manufacturer or network administrator. For information on setting up connections to a wireless networks in Windows 10, Windows 8.1, Windows 7, and Mac OS X, see the online help for the Wireless Transmitter Utility network profile creation software.

Life-Long Learning

As part of Nikon's "Life-Long Learning" commitment to ongoing product support and education, continually-updated information is available online at the following sites:

- **For users in the U.S.A.**: ***http://www.nikonusa.com/***
- **For users in Europe and Africa**: ***http://www.europe-nikon.com/support/***
- **For users in Asia, Oceania, and the Middle East**: ***http://www.nikon-asia.com/***

Visit these sites to keep up-to-date with the latest product information, tips, answers to frequently-asked questions (FAQs), and general advice on digital imaging and photography. Additional information may be available from the Nikon representative in your area. See the following URL for contact information: ***http://imaging.nikon.com/***

Illustrations

Camera menus and operations are taken from the Nikon D5. The appearance and content of the software and operating system dialogs, messages, and displays shown in this manual may vary with the operating system used. For information on basic computer operations, see the documentation provided with the computer or operating system.

Connection Types

The WT-6 offers a choice of the following connection types:

FTP upload	Upload existing photos and movies to a computer or ftp server, or upload new photos as they are taken.
Image transfer	
Camera control	Control the camera using optional Camera Control Pro 2 software and save new photos and movies directly to the computer.
HTTP server	View and take pictures remotely using a browser-equipped computer or smart device.
Synchronized release	Synchronize the shutter releases for multiple remote cameras with a master camera.

For more information, see the *Network Guide*.

FTP Servers

Servers can be configured using standard ftp services available with supported operating systems, such as IIS (Internet Information Services); for more information, see the *Network Guide*. Connection to ftp networks via a router is supported, but Internet ftp connections and connection to ftp servers running third-party software are not.

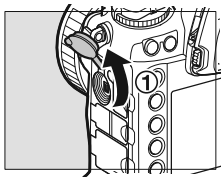
HTTP Sever Mode

Internet connections are not supported in http server mode.

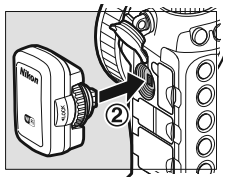
Firewall Settings

TCP ports 21 and 32768 through 61000 are used for ftp, TCP ports 22 and 32768 through 61000 for sftp, and TCP port 15740 and UDP port 5353 for connections to computers. File transfer may be blocked if the server firewall is not configured to allow access to these ports.

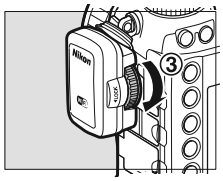
Attaching the WT-6



① Open the camera's peripheral connector cover and rotate it up out of the way.



② Fully insert the WT-6 connector into the camera peripheral connector.



③ Rotate the locking wheel to lock the WT-6 in place.

Power Source

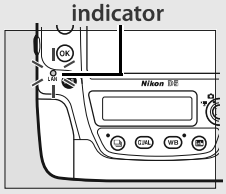
The WT-6 is not equipped with a battery or power switch. Power is supplied from the camera.

Connection Status

Connection status is shown by the camera network indicator.

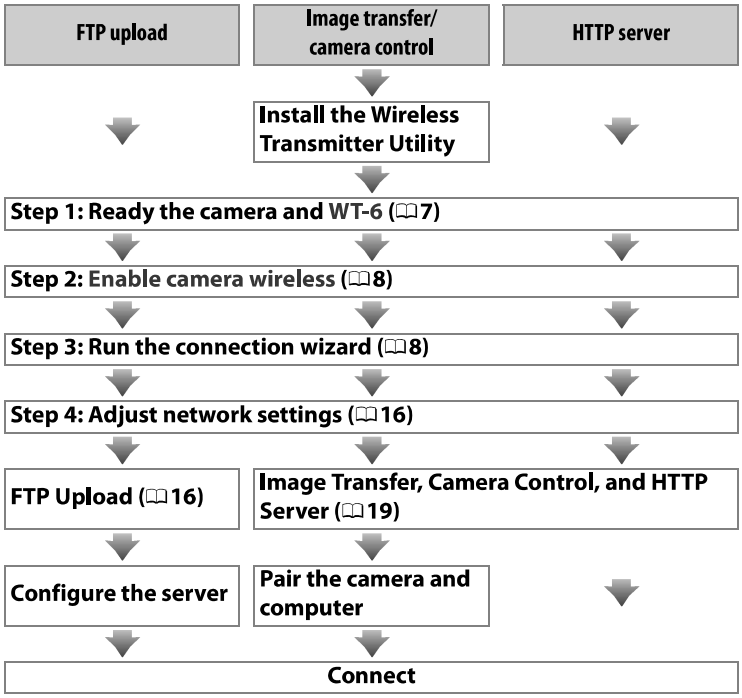
Network indicator	Status
● (off)	Network functions disabled.
○ (green)	Waiting to connect.
☼ (flashes green)	Connected.
☼ (flashes amber)	Error.

Network indicator



Wireless Connections

Follow the steps below to connect to a wireless network.



Network Guide

For information on using a wireless network once the camera and WT-6 are connected, see the *Network Guide*.

Choosing a Power Source

To prevent the camera powering off unexpectedly during setup or data transfer, use a fully-charged battery or an optional AC adapter designated for use with your camera. For more information, see the camera manual.

The Wireless Transmitter Utility

The Wireless Transmitter Utility must be installed on computers connecting to the camera in image transfer or camera control mode. See the *Network Guide* for information about the Wireless Transmitter Utility.

Synchronized Release

Network profiles are not required in synchronized release mode. For more information, see the *Network Guide*.

Infrastructure and Access Point Modes

Connections to wireless networks may be in infrastructure or access point mode.

Infrastructure mode: Connection via a wireless LAN access point.

WT-6 Wireless LAN access point Computer or smart device

Access point mode: The camera serves as an access point for direct connection to a computer or smart device.

WT-6 Computer or smart device

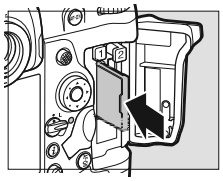
Wireless LANs

These instructions are intended for customers with an existing wireless LAN, and in the case of infrastructure networks assume that the computer and access point are already connected to the network.

Step 1: Getting Ready

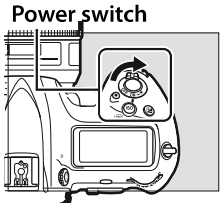
After starting the computer and logging in, ready the camera and WT-6 as described below.

1 **Insert a memory card.**
Turn the camera off and insert a memory card (do not turn the camera off while data are being transferred to the computer). This step can be omitted in camera control mode (🕮ii).



2 **Attach the WT-6 (🕮4).**

3 **Turn the camera on.**
Rotate the power switch to turn the camera on.

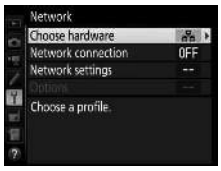


Removing the WT-6
Turn the camera off, remove the WT-6, and replace the peripheral connector cover.

Step 2: Enable Camera Wireless

Ready the camera for connection to a wireless network.

1 **Select Choose hardware.**
In the setup menu, select **Network**, then highlight **Choose hardware** and press ▶. The menu offers a choice of **Wired LAN** and **Wireless LAN**.



2 **Select Wireless LAN.**
Highlight **Wireless LAN** and press OK to select the highlighted option and return to the network menu.

Step 3: The Connection Wizard

Follow the on-screen instructions to create a network profile.

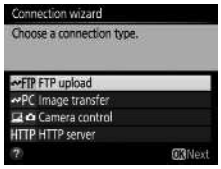
1 **Display network profiles.**
In the network menu, highlight **Network settings** and press ▶ to display the profiles list and other network settings.

2 **Select Create profile.**
Highlight **Create profile** and press ▶. Note that if the list already contains nine profiles, you will need to delete an existing profile using the 🗑 (FORMAT) button before proceeding.

The Wireless Transmitter Utility
The Wireless Transmitter Utility (📖6) can also be used to create network profiles. See page 28.

3 **Start the connection wizard.**
Highlight **Connection wizard** and press ▶ to start the connection wizard.

4 **Choose a connection type.** (🕮3)
Highlight a connection type and press OK.



5 **Name the new network profile.**
A default profile name will be displayed; to change the name as described in "Text Entry" (🕮10), press the center of the multi selector. The profile name will appear in the **Network** > **Network settings** list in the camera setup menu. Press OK to proceed to the next step when entry is complete.

Profile name

Text Entry

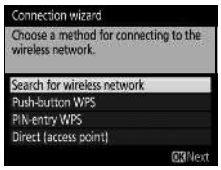
The following dialog is displayed when text entry is required.

To enter a new letter at the current cursor position, tap the letters on the touch-screen keyboard (tap the keyboard selection button to cycle through the upper-case, lower-case, and symbol keyboards). You can also use the multi selector to highlight the desired character in the keyboard area and press the center of the multi selector to insert the highlighted character at the current cursor position (note that if a character is entered when the field is full, the last character in the field will be deleted). To delete the character under the cursor, press the 🗑 (FORMAT) button. To move the cursor to a new position, tap the display or hold the (⚡) button and press ◀ or ▶.

To complete entry and close the dialog, press OK. To exit without completing text entry, press MENU.

6 Choose a connection method.

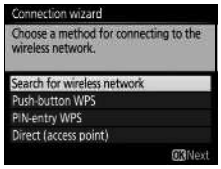
Highlight the connection method used by the network and press OK. More information can be found on the pages listed below.



Search for wireless network	Choose from a list of networks detected by the camera. Proceed to page 11.
Push-button WPS	Choose for wireless LAN access points with push-button WPS. Proceed to page 12.
PIN-entry WPS	Choose for wireless LAN access points with PIN-entry WPS. Proceed to page 14.
Direct (access point)	Connect directly to a host computer or ftp server in access point mode, with the camera serving as an access point. Proceed to page 15.

■■ *Search for Wireless Network*

Select **Search for wireless network** in Step 6 on page 10 to choose from a list of the networks (wireless LAN access points) detected by the camera.

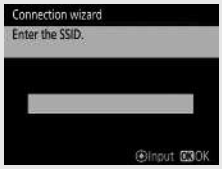


1 Choose a network.

Highlight a network SSID and press OK (if the desired network is not displayed, press ⊕ to search again). Encrypted networks are indicated by a 🔒 icon; if the selected network is encrypted, you will be prompted to enter the encryption key as described in Step 2. If the network is not encrypted, proceed to Step 3.

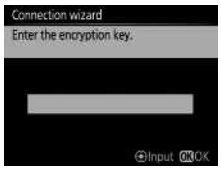
Hidden SSIDs

Networks with hidden SSIDs are indicated by blank entries in the network list. If you highlight a blank entry and press OK, you will be prompted to provide the network name; press the center of the multi selector, enter a name (📖10), and then press OK to proceed to Step 2.



2 Enter the encryption key.

Press the center of the multi selector and enter the encryption key (📖10) and press OK (if the network uses open authentication, this dialog will not be displayed; proceed to Step 3).



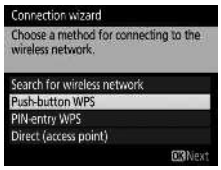
3 Choose your next step.

The message at right is displayed when a connection is established. Your next step depends on the connection type selected in Step 4 on page 9:

- **FTP upload**: Proceed to page 16.
- **Image transfer**: Proceed to page 19.
- **Camera control**: Proceed to page 19.
- **HTTP server**: Proceed to page 19.

Push-Button WPS

Choose **Push-button WPS** in Step 6 on page 10 if the wireless LAN access point uses push-button WPS.



1 Press the WPS button on the wireless LAN access point.

For more information, see the documentation provided with the wireless LAN access point.

2 Press OK button on the camera.

The WT-6 will connect to the access point automatically.

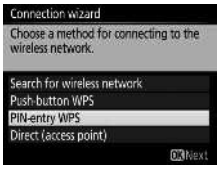
3 Choose your next step.

The message at right is displayed when a connection is established. Your next step depends on the connection type selected in Step 4 on page 9:

- **FTP upload**: Proceed to page 16.
- **Image transfer**: Proceed to page 19.
- **Camera control**: Proceed to page 19.
- **HTTP server**: Proceed to page 19.

PIN-Entry WPS

Choose **PIN-entry WPS** in Step 6 on page 10 if the wireless LAN access point uses PIN-entry WPS.



1 Enter the PIN for the wireless LAN access point.

From a computer, enter the PIN for the wireless LAN access point. For more information, see the documentation provided with the wireless LAN access point.

2 Press OK button on the camera.

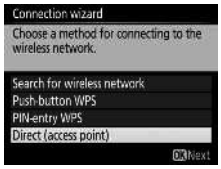
The WT-6 will connect to the access point automatically.

3 Choose your next step.

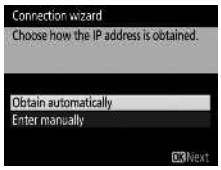
The message at right is displayed when a connection is established. Your next step depends on the connection type selected in Step 4 on page 9:

- **FTP upload**: Proceed to page 16.
- **Image transfer**: Proceed to page 19.
- **Camera control**: Proceed to page 19.
- **HTTP server**: Proceed to page 19.

■■ *Direct (Access Point)*

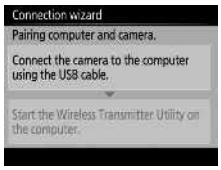


Selecting **Direct (access point)** in Step 6 on page 10 enables access point mode, in which the camera serves as a wireless access point. The camera SSID and encryption key will be displayed in the monitor. On the computer or smart device, enter the SSID and encryption key displayed in the camera monitor. For more information, see the documentation provided with the computer or smart device. Your next step depends on the connection type selected in Step 4 on page 9:



If you choose FTP upload, go to Step 2 on page 16.

If you choose Image transfer, go to Step 3 on page 20.



If you choose Camera control, go to Step 3 on page 20.

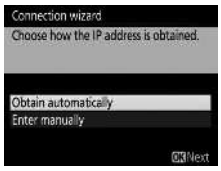
If you choose HTTP server, go to Step 5 page 21.

Step 4: Network Settings

FTP Upload

If you selected **FTP upload** in Step 4 on page 9, follow the steps below to connect to an existing ftp server. Skip Step 1 if you selected **Direct (access point)** in Step 6 on page 10.

1 Obtain or select an IP address.



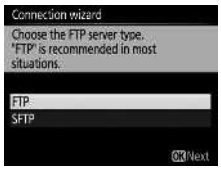
Highlight one of the following options and press OK.

- **Obtain automatically**: Select this option if the network is configured to supply the IP address automatically. Proceed to Step 2.
- **Enter manually**: When prompted, enter an IP address and subnet mask by pressing ◀ and ▶ to highlight segments and ▲ and ▼ to change. Press OK to exit when entry is complete, then press OK again to proceed to Step 2.

2 Confirm the IP address.

The camera IP address will be displayed as shown at right; press OK.

3 Choose the server type.



Highlight **FTP** or **SFTP** (secure ftp) and press OK. If you selected **Direct (access point)** in Step 6 on page 10, proceed to Step 5.

Firewall Settings

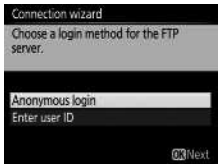
Ports 21 and 32768 through 61000 are used for ftp, ports 22 and 32768 through 61000 for sftp. File transfer may be blocked if the server firewall is not configured to allow access to these ports.

4 Enter the IP address.

Press the center of the multi selector and enter the server URL or IP address (🕮10) and press ⓚ, and then press ⓚ to connect.

5 Log in.

Highlight one of the following options and press ⓚ.



- **Anonymous login**: Select this option if the server does not require a user ID or password.
- **Enter user ID**: Enter a user ID and password when prompted and press ⓚ.

MAC Address Filtering

If the network uses MAC address filtering, the filter must be supplied with the MAC address of the WT-6. After attaching the WT-6 to the camera, choose **Network** > **Options** > **MAC address** from the camera setup menu and note the MAC address.

6 Choose a destination folder.

Highlight one of the following options and press OK.

- **Home folder**: Select this option to upload pictures to the server's home folder.
- **Enter folder name**: Select this option to upload pictures to another of the folders existing on the server. Enter a folder name and path when prompted and press OK.

7 Exit the wizard.

Highlight one of the following options and press OK.

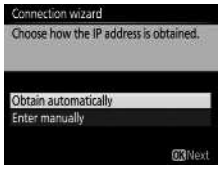
- **Connect and exit wizard**: Save the new network profile and connect to the server.
- **Exit wizard**: Save the new network profile and exit.

For more information on using wireless networks, see the *Network Guide*.

Image Transfer, Camera Control, and HTTP Server

If you choose any of the above options in Step 4 on page 9, follow the steps below to connect to an existing network. Where you will start depends on the option selected in Step 6 on page 10: if you selected an option other than **Direct (access point)**, start at Step 1; otherwise, proceed to Step 2, below (**Image transfer** or **Camera control**), or to Step 5 on page 21 (**HTTP server**).

1 **Obtain or select an IP address.**



Highlight one of the following options and press OK.

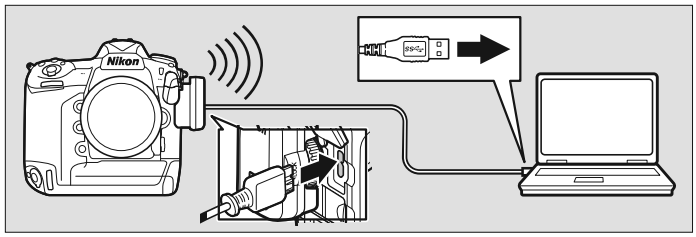
- **Obtain automatically**: Select this option if the network is configured to supply the IP address automatically.
- **Enter manually**: When prompted, enter an IP address and subnet mask by pressing ◀ and ▶ to highlight segments and ▲ and ▼ to change. Press OK to proceed when entry is complete.

2 **Confirm the IP address.**

The camera IP address will be displayed as shown at right; press OK. If **Image transfer** or **Camera control** is selected, proceed to Step 3; otherwise, proceed to Step 6.

3 Connect the camera to the computer.

When prompted, connect the camera to the computer using the USB cable supplied with the camera.



Routers

Connection to computers on other networks via a router is supported only when HTTP server is selected.

MAC Address Filtering

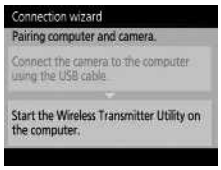
If the network uses MAC address filtering, the filter must be supplied with the MAC address of the WT-6. After attaching the WT-6 to the camera, choose **Network** > **Options** > **MAC address** from the camera setup menu and note the MAC address.

Firewall Settings

TCP port 15740 and UDP port 5353 are used for host computer connections. Computer firewalls must be configured to allow access to these ports, as otherwise the computer may not be able to access the WT-6.

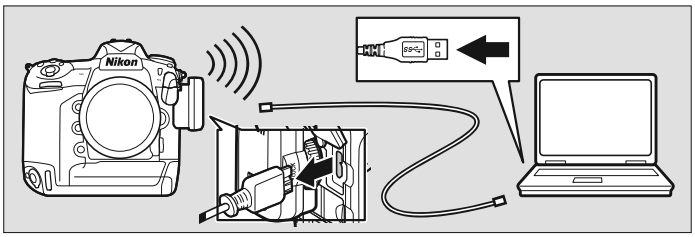
4 Start the Wireless Transmitter Utility.

When prompted, start the copy of the Wireless Transmitter Utility installed on the computer (📖6). Pairing will begin automatically.



5 Disconnect the camera.

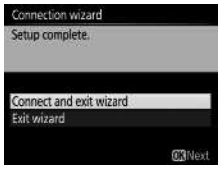
The message at right will be displayed when pairing is complete. Disconnect the USB cable.



6 Exit the wizard.

Highlight one of the following options and press ⓚ.

- **Connect and exit wizard**: Save the new network profile and connect to the network.
- **Exit wizard**: Save the new network profile and exit.



For more information on using wireless networks, see the *Network Guide*.

Appendices

Accessing the Camera

After creating a network profile, turn the camera on and follow the steps below to access the camera from a computer or iPhone.

Windows 8.1

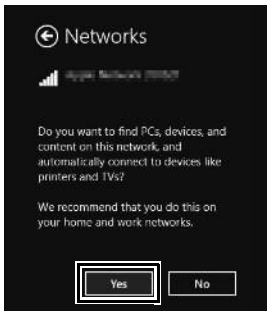
1 Click the Internet Access icon in the taskbar.

2 Select the network name (SSID) and click **Connect.**

3 **Enter the encryption key and click Next.**

4 **Connect.**

When the message “Do you want to find PCs, devices, and content on this network, and automatically connect to devices like printers and TVs?" is displayed, click **Yes** to connect to the network, or **No** to exit without connecting.



5 **Confirm that the connection is successful.**

An icon is displayed in the taskbar when a connection is established.

Windows 7

1 **Click the Internet Access icon in the taskbar.**

2 **Select the network name (SSID) and click Connect.**

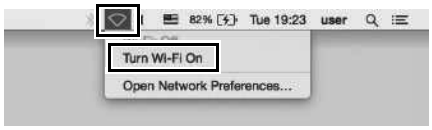
3 **Enter the encryption key and click OK.**

4 **Confirm that the connection is successful.**

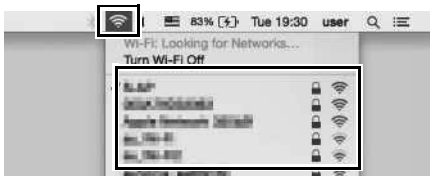
An icon is displayed in the taskbar when a connection is established.

Mac OS X

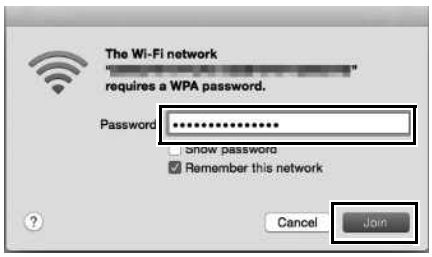
1 **Click the Wi-Fi icon and select Turn Wi-Fi On.**



2 **Click the Wi-Fi icon and select the network name (SSID).**



3 **Enter the encryption key and click Join.**



4 **Confirm that the connection is successful.**

The icon shown at right is displayed in the taskbar when a connection is established.

iPhone

1 Tap **Settings** in the iPhone “Home” screen.

2 Tap Wi-Fi.

3 Tap On and select the network name (SSID).

4 Enter the encryption key and tap Join.

5 Confirm that the connection is successful.

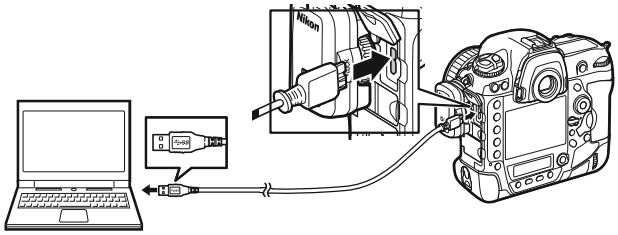
A check appears next to the network name when a connection is established.

Creating Network Profiles with the Wireless Transmitter Utility

Network profiles can be created using the Wireless Transmitter Utility installed on the computer (📖6).

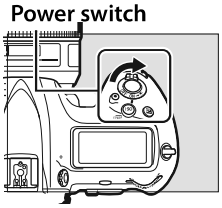
1 Connect the camera.

Use the USB cable supplied with the camera to connect the camera to the computer as shown below.



2 Turn the camera on.

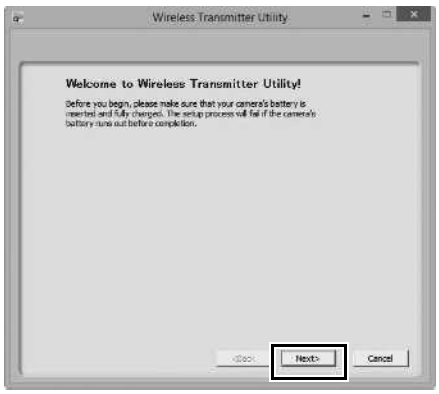
Rotate the power switch to turn the camera on.



3 Start the Wireless Transmitter Utility.

- **Windows**: Double-click the Wireless Transmitter Utility icon on the desktop.
- **Mac**: Click the Wireless Transmitter Utility icon in the Dock.

4 Click **Next.**



5 Select **WT-5/WT-6 (Wireless LAN)** and click **Next.**

6 Select **Add/edit profiles** and click **Next.**

"Setup Picture Folder"

To choose the destination for images uploaded to the computer in image transfer mode, select **Setup picture folder** in Step 6 and click **Next**. The dialog at right will be displayed; click the "Browse..." and choose a destination.

If you do not choose another destination, pictures will be uploaded to:

- **Windows**: \Users\(user name)\Pictures\Wireless Transmitter Utility
- **Mac**: /Users/(user name)/Wireless Transmitter Utility

To display pictures in the Explorer (or in Mac OS X, the Finder), Capture NX-D, or ViewNX-i when upload is complete, select **Open images with this application after transfer** and choose the desired application (only applications that are currently installed will be listed).

7 Select **Add new profile** and click **Next.**

8 Enter the following information and click **Next.**

- **Profile name**: Enter a name of up to 16 characters.
- **Connection type**: Choose FTP upload, Image transfer, Camera control, or HTTP server (📖ii).

9 Select **Manual setup** (for advanced users) and click **Next.**

"Automatic Setup"

When connecting to an infrastructure network for the first time, select **Automatic setup (recommended)**. The following dialog will be displayed; select **Infrastructure network (recommended)** and choose the network from the pull-down menu. Mac users must also choose the encryption type and key index from separate pull-down menus. Click **Next** to proceed to Step 12 (📖37).

Automatic setup is not available for connection to networks for which a profile already exists or to third-party wireless LAN adapters, networks using static IP addresses, or computers that are not configured for connection to a wireless LAN access point.

10 Enter the following information and click **Next.**

- **Network name (SSID)**: Enter the name of the network on which the host computer or ftp server is located.
- **Communication mode**: Select **Infrastructure** or **Access point**.
- **Channel**: Select a channel (access point mode only; in infrastructure mode, the WT-6 will choose the channel automatically). Note that if a matching SSID is found on a different channel, the WT-6 may change the channel automatically.
- **Authentication**: The authentication used on the network. Choose from open system, shared key, WPA-PSK, and WPA2-PSK (infrastructure) or open system and WPA2-PSK (access point mode).
- **Encryption**: The encryption used on the network. The options available depend on the authentication used.
  Open: 64- or 128-bit WEP (infrastructure mode only); none
  Shared: 64- or 128-bit WEP
  WPA-PSK: TKIP; AES
  WPA2-PSK: AES
- **Encryption key**: If the network uses encryption, enter the network key. The number of characters required depends on the type of key used:

	WEP (64-bit)	WEP (128-bit)	TKIP, AES
Number of characters (ASCII)	5	13	8–63
Number of characters (hex)	10	26	64

- **Key index**: If **WEP64** or **WEP128** is selected for **Encryption**, choose a key index (the default index is **1**). A key index is not required when **None** is selected.

11 Enter IP address information and click Next.

If the network is configured to supply IP addresses automatically using a DHCP server or Auto IP, select Obtain IP address automatically. Otherwise remove the check from this option and enter the following information:

- **IP address/Subnet mask**: Enter an IP address and subnet mask for the WT-6. Choose an IP address that is not already assigned to other devices on the network.
- **Default gateway**: If the network requires a gateway address, select this option and enter the address supplied by the network administrator.
- **DNS Server**: If a Domain Name Server exists on the network, select this option and enter the address supplied by the network administrator.

12 Enter ftp settings and click Next.

The following options will be displayed if you selected FTP upload in Step 8 (📖31). If you selected another option, proceed to Step 13 (📖38).

- **FTP server**: Enter the URL or IP address of the ftp server.
- **FTP server port**: Enter the port number for the ftp server (📖3).
- **FTP path**: Choose the folder to which pictures will be uploaded.
- **Server type**: Choose **FTP** or **SFTP**.
- **Anonymous login**: Select this option for anonymous login, or leave this option unchecked to supply a User ID and Password.
- **Use proxy server**: If a proxy server is required for ftp, select this option and enter the server name and port number for the proxy server.
- **PASV mode**: Select this option to use PASV mode.

Firewall Settings

TCP ports 21 and 32768 through 61000 are used for ftp, TCP ports 22 and 32768 through 61000 for sftp, and TCP port 15740 and UDP port 5353 for connections to computers. File transfer may be blocked if the server firewall is not configured to allow access to these ports.

13 Confirm that settings are correct and click **Next.**

14 Select **Finish wizard** and click **Next.**

15 Turn the camera off and disconnect the USB cable.

16 Connect the WT-6.

Insert a memory card in the camera, connect the WT-6, and turn the camera on.

17 Display network profiles.

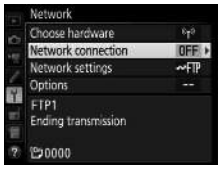
Select **Network** in the camera setup menu, then highlight **Network settings** and press ▶ to display the profiles list.

18 Select the new network profile.

Highlight the new network profile and press ▶ to return to the network menu.

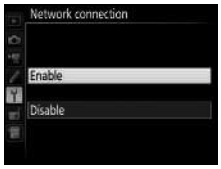
19 Select Network connection.

Highlight **Network connection** and press ▶.



20 Select Enable.

Highlight **Enable** and press ▶ to connect to the network.



Troubleshooting

Problem	Solution	Page
Excessive radio interference.	Adjust the position of the wireless access point or host computer.	—
The camera displays a TCP/IP or ftp error.	Check settings for the host and/or wireless LAN adapter and adjust camera settings appropriately.	5
	Check firewall settings.	16, 20
	Confirm that you can write to the destination folder on the ftp server.	—
	Highlight the network profile created with the camera and press the ⊖✉ (ϟ) button, then select **FTP** and choose a different option for PASV mode.	—
"Connecting to PC" does not clear from the camera display.	Check firewall settings.	20
The camera displays a wireless error.	Confirm that the host and wireless LAN adapter are on.	—
	Confirm that there are no obstacles between the WT-6 and the adapter.	—
	Check settings for the host and/or wireless LAN adapter and adjust camera settings appropriately.	5
	In direct (access point) mode, confirm that the computer or smart device is not connected to another network.	—
The camera displays a memory card error.	Confirm that the card is properly inserted.	7

Problem	Solution	Page
Transfer is interrupted before all photographs are sent.	Transfer will resume if the camera is turned off and then on again.	—
No connection is established when the camera URL is entered in a web browser (http server connections only).	Confirm that the browser is not using a proxy connection.	—

Specifications

Type		WT-6/WT-6A/WT-6B/WT-6C
Wireless		
	Standards	**WT-6/WT-6A/WT-6B/WT-6C:** 802.11a/b/g/n/ac
	Communications protocols	**IEEE802.11a:** OFDM **IEEE802.11g:** OFDM **IEEE802.11b:** DSSS **IEEE802.11n:** OFDM **IEEE802.11ac:** OFDM
	Operating frequency (MHz)	**WT-6:** 5180-5320 MHz (36/40/44/48/52/56/60/64 ch) 5500-5700 MHz (100/104/108/112/116/120/124/128/132/136/140 ch) 2412-2472 MHz (1–13 ch) **WT-6A:** 5180-5320 MHz (36/40/44/48/52/56/60/64 ch) 5745-5825 MHz (149/153/157/161/165 ch) 2412-2462 MHz (1–11 ch) **WT-6B:** 5180-5320 MHz (36/40/44/48/52/56/60/64 ch) 2412-2472 MHz (1–13 ch) **WT-6C:** 5745-5825 MHz (149/153/157/161/165 ch) 2412-2472 MHz (1–13 ch)
	Approximate range (line of sight) *	Approximately 200 m (656.1 ft)
	Data rates †	**IEEE 802.11a/g:** 6, 9, 12, 18, 24, 36, 48 and 54 Mbps **IEEE 802.11b:** 1, 2, 5.5 and 11 Mbps **IEEE 802.11n:** 300 Mbps maximum **IEEE802.11ac:** 866.7 Mbps maximum
	Security	**Authentication**: Open system, shared key, WPA-PSK, WPA2-PSK **Encryption**: 128/64 bit WEP, TKIP, AES
	Wireless setup	Supports WPS2.0
	Access protocols	Infrastructure and access point modes

Power consumption	3.0 W maximum
Operating environment	Temperature: 0–40 °C/32–104 °F Humidity: 85% or less (no condensation)
Weight	Approximately 33 g/1.2 oz (body only)
Dimensions (W × H × D)	Approximately 35.5 mm × 49.0 mm × 30.0 mm (1.3 in. × 1.9 in. × 1.1 in.)

* With large antenna at wireless LAN access point. Range varies with signal strength and presence or absence of obstacles.
† Maximum logical data rates according to IEEE standard. Actual rates may differ.

- Nikon reserves the right to change the appearance and specifications of the hardware and software described in this manual at any time and without prior notice. Nikon will not be held liable for damages that may result from any mistakes that this manual may contain.

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