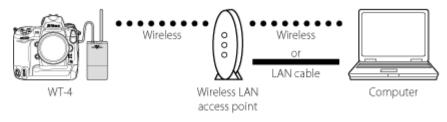
Configuring the WT-4 for Upload to a Computer (Infrastructure Mode)

Windows 7

Configuring the WT-4 for Upload to a Computer (Infrastructure Mode)

This document provides basic instructions on configuring the WT-4 wireless transmitter and a Windows 7 computer for transmission over an infrastructure network that includes a wireless LAN access point, or bridge.



Introduction

This section describes a simple network consisting solely of a wireless LAN access point (bridge) connected to an computer via a LAN cable or wireless, with no connections to other networks or devices. Follow the steps below to use the WT-4 in this type of network.

1: Get Ready

- 2: Assign the Computer an IP Address
- 3: Using Windows Firewall

4: Configure the Wireless LAN Access Point

5: Configure the Computer for Wireless Access

6: Copy the Network Profile to the Camera

7: Connect to the Computer

\land To the top of the page

1: Get Ready

Equipment

Ready the following:

- A WT-4 wireless transmitter
- A fully-charged EN-EL3e battery for the WT-4
- A digital SLR camera that supports the WT-4 (the illustrations show a Nikon D3)
- A fully-charged battery for the camera

- A computer with Windows 7 Ultimate/Professional/Home Premium/Home Basic/Enterprise edition and a compatible version of the WT-4 Setup Utility installed
- A wireless LAN access point
- A LAN cable
- · A memory card
- A USB cable
- Manuals for the above equipment

Network Settings

Note the IP addresses, encryption, and other settings that will be used in the wireless LAN. The following are intended as examples only.

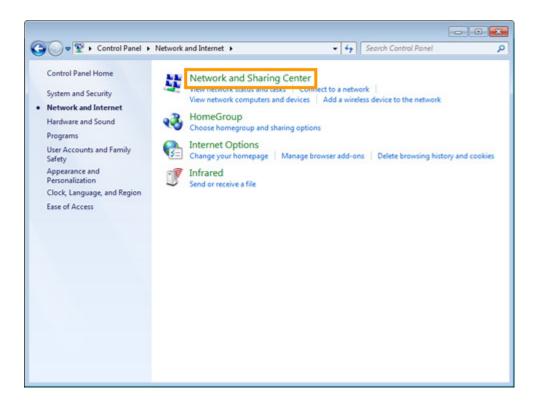
- IP address for the WT-4: 192.168.1.4
- IP address for the computer: 192.168.1.3
- IP address of the wireless LAN access point: 192.168.1.2
- Subnet mask: 255.255.255.0
- Network name (SSID): WT-4
- Communication mode: Infrastructure
- Authentication: WPA-PSK
- Encryption: TKIP
- Encryption key: abcde123

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2: Assign the Computer an IP Address

Choose an address for the computer. The following IP address is intended as an example only.

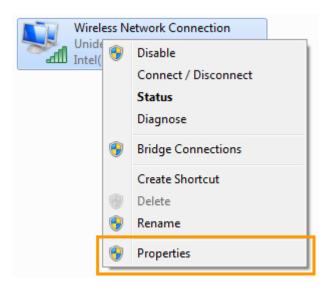
- IP address: 192.168.1.3
- Subnet mask: 255.255.255.0
- 2–1 Open the Network and Internet > Network and Sharing Center control panel.



2–2 Select Change adapter settings.

| S . Hetwork and In | internet Network and Sharing Center | |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Control Panel Home | View your basic network information and set up connections | |
| Manage wireless networks Change adapter settings Change advanced sharing settings | USER-PC (This computer) | See full |
| secongs | View your active networks Connet You are currently not connected to any networks. | ect to a net |
| | Change your networking settings | |
| | Set up a new connection or network | |
| | Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a ropoint. | uter or acc |
| | | |
| | Loopect to a network | |
| | Connect to a network Connect or reconnect to a wireless, wired, dial-up, or VPN network connection. | |
| | Connect or reconnect to a wireless, wired, dial-up, or VPN network connection. | |
| | | |
| | Connect or reconnect to a wireless, wired, dial-up, or VPN network connection. Choose homegroup and sharing options Access files and printers located on other network computers, or change sharin | |
| See also | Connect or reconnect to a wireless, wired, dial-up, or VPN network connection. | |
| See also HomeGroup | Connect or reconnect to a wireless, wired, dial-up, or VPN network connection. Choose homegroup and sharing options Access files and printers located on other network computers, or change sharin Troubleshoot problems | |
| | Connect or reconnect to a wireless, wired, dial-up, or VPN network connection. Choose homegroup and sharing options Access files and printers located on other network computers, or change sharin Troubleshoot problems | |
| HomeGroup | Connect or reconnect to a wireless, wired, dial-up, or VPN network connection. Choose homegroup and sharing options Access files and printers located on other network computers, or change sharin Troubleshoot problems | |

2–3 Right-click the network icon (Wireless Network Connection if the access point and computer are connected via a wireless network, Local Area Connection if the access point is connected by a LAN cable) and select Properties from the menu that appears.



2–4 Select Internet Protocol Version 4 (TCP/IPv4) and click Properties.

| 4 Wireless Network Connection Properties |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Networking Sharing |
| Connect using: |
| |
| Configure |
| This connection uses the following items: |
| Client for Microsoft Networks QoS Packet Scheduler File and Printer Sharing for Microsoft Networks File and Printer Sharing for Microsoft Networks Internet Protocol Version 6 (TCP/IPv6) Internet Protocol Version 4 (TCP/IPv4) Internet Protocol Version 4 (TCP/IPv4) Internet Protocol Version 9 (TCP/IPv4) Internet Proto |
| Install Uninstall Properties |
| Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks. |
| OK Cancel |

2–5 Select **Use the following IP address** and enter the IP address and subnet mask for the computer. Click **OK** to exit and then click **Close** to close the properties dialog. This completes the process of assigning an IP address to the computer.

| Internet Protocol Version 4 (TCP/IPv4) | Properties |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| General | |
| You can get IP settings assigned autom this capability. Otherwise, you need to for the appropriate IP settings. | |
| Obtain an IP address automatical | y . |
| Our contract of the second | |
| IP address: | 192.168.1.3 |
| Subnet mask: | 255 . 255 . 255 . 0 |
| Default gateway: | |
| Obtain DNS server address autom | atically |
| • Use the following DNS server add | 'esses: |
| Preferred DNS server: | |
| Alternate DNS server: | · · · |
| Validate settings upon exit | Advanced |
| | OK Cancel |

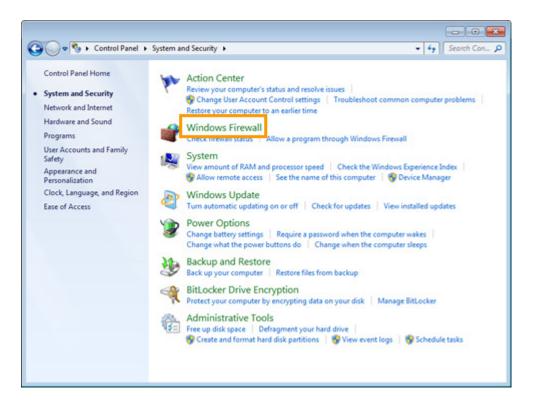
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3: Using Windows Firewall

Windows Firewall is enabled by default in Windows 7. If you are using Windows Firewall, turn all other firewalls off and allow access to the following ports, which are used for wireless connections:

- TCP: port 15740
- UDP: port 5353

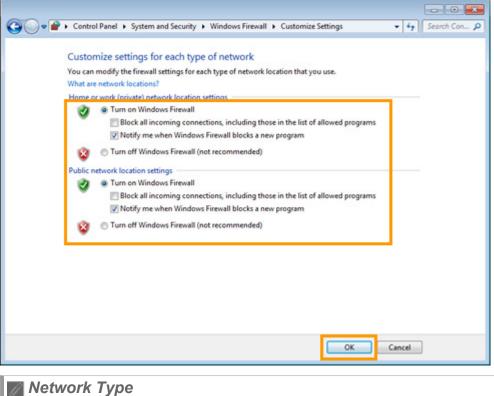
3–1 Go to the **System and Security** > **Windows Firewall** control panel.



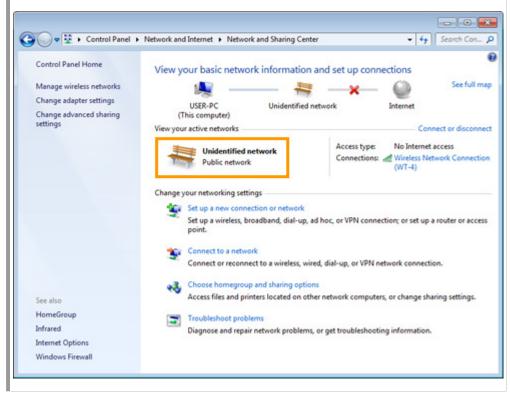
3–2 Click Turn Windows Firewall on or off.

| Control Panel > | System and Security Windows Firewall | • 49 Search Con |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Control Panel Home | Help protect your computer with W | /indows Firewall |
| Allow a program or feature through Windows Firewall | Windows Firewall can help prevent hackers or computer through the Internet or a network. | malicious software from gaining access to your |
| Change notification settings | How does a firewall help protect my compute | ती |
| Turn Windows Firewall on or off | What are network locations? | |
| Restore defaults | 🖉 🤡 Home or work (private) ne | tworks Not Connected 🙆 |
| Advanced settings Troubleshoot my network | Networks at home or work where you know | and trust the people and devices on the network |
| Troubleshoot my network | Windows Firewall state: | On |
| | Incoming connections: | Block all connections to programs that are not on the list of allowed programs |
| | Active home or work (private) networks: | None |
| | Notification state: | Notify me when Windows Firewall blocks a new program |
| | Public networks | Connected 🔗 |
| | Networks in public places such as airports or | coffee shops |
| | Windows Firewall state: | On |
| See also Action Center | Incoming connections: | Block all connections to programs that are not on the list of allowed programs |
| Network and Sharing Center | Active public networks: | Unidentified network |

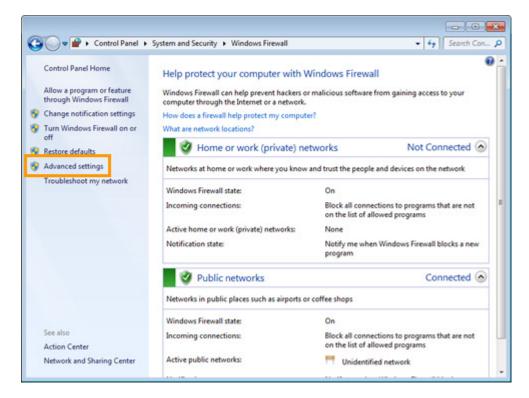
3–3 If Windows Firewall is on, deselect Block all incoming connections, including those in the list of allowed programs and click OK.



The network type (private or public) can be viewed in the **Network and** Internet > Network and Sharing Center control panel.



3–4 Select Advanced settings.



3–5 In the "Windows Firewall with Advanced Security" window, select Inbound Rules and click New Rule... in the Actions panel.

| ion View Help | | | | | |
|-------------------------|------------------------------------------|----------------------------|-------|---------------------|--|
| 2 📅 💀 🖬 🗂 | | | _ | | |
| ound Rules | | | | Actions | |
| | Name | Group | Prc * | Inhound Puler | |
| nnection Security Rules | BranchCache Content Retrieval (HTTP-In) | BranchCache - Content Retr | All | Kan New Rule | |
| nitoring | BranchCache Hosted Cache Server (HTT | BranchCache - Hosted Cach | All T | Y Filter by Profile | |
| | BranchCache Peer Discovery (WSD-In) | BranchCache - Peer Discove | All 📃 | Y Filter by State | |
| | Connect to a Network Projector (TCP-In) | Connect to a Network Proje | Do | | |
| | Connect to a Network Projector (TCP-In) | Connect to a Network Proje | Pri | Y Filter by Group | |
| | Connect to a Network Projector (WSD Ev | Connect to a Network Proje | Priv | View | |
| | Connect to a Network Projector (WSD Ev | Connect to a Network Proje | Do | G Refresh | |
| | Connect to a Network Projector (WSD Ev | Connect to a Network Proje | Prin | | |
| | Connect to a Network Projector (WSD Ev | Connect to a Network Proje | Do | By Export List | |
| | Connect to a Network Projector (WSD-In) | Connect to a Network Proje | All | E Help | |
| | Core Networking - Destination Unreacha | Core Networking | All | | |
| | Core Networking - Destination Unreacha | Core Networking | All | | |
| | Core Networking - Dynamic Host Config | Core Networking | All | | |
| | Core Networking - Dynamic Host Config | Core Networking | All | | |
| | Core Networking - Internet Group Mana | Core Networking | All | | |
| | Core Networking - IPHTTPS (TCP-In) | Core Networking | All | | |
| | Core Networking - IPv6 (IPv6-In) | Core Networking | All | | |
| | Core Networking - Multicast Listener Do | Core Networking | All | | |
| | Core Networking - Multicast Listener Qu | Core Networking | All | | |
| | Core Networking - Multicast Listener Rep | Core Networking | All | | |
| | Core Networking - Multicast Listener Rep | Core Networking | All | | |
| | Core Networking - Neighbor Discovery A | Core Networking | All | | |
| | Core Networking - Neighbor Discovery S | Core Networking | All | | |
| | Core Networking - Packet Too Big (ICMP | Core Networking | All | | |
| | Core Networking - Parameter Problem (L., | Core Networking | All | | |
| | A HALL THE ALL ALL ALL ALL | A 414 41 | | | |

3-6 The "New Inbound Rule Wizard" will be displayed. Select **Port** and click **Next**.

| Rule Type | |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Select the type of firewall rule | e to create. |
| Select the type of tirewall rule Steps: Protocol and Ports Action Profile Name | I what type of rule would you like to create? Program Rule that controls connections for a program. Port Rule that controls connections for a TCP or UDP port. Predefined: BranchCache - Content Retrieval (Uses HTTP) * Rule that controls connections for a Windows experience. Custom Custom rule. |
| | < Back Next > Cancel |

3–7 Select TCP, and then select Specific local ports and enter 15740. Confirm that the port numbers are correct and click Next.

| Prev Inbound Rule Wizar | d | |
|----------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------|
| Protocol and Ports | | |
| Specify the protocols and ports | to which this rule applies. | |
| Steps: Protocol and Pots Action Profile Name | Does this rule apply to TCP or UI TCP UDP Does this rule apply to all local po | |
| | All local ports Specific local ports: | 15740 |
| | | Example: 60, 443, 5000-0010 |
| | | |

3–8 Confirm that **Allow the connection** is selected and click **Next**.

| Action | |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specify the action to be taken | when a connection matches the conditions specified in the rule. |
| Steps: | |
| Rule Type | What action should be taken when a connection matches the specified conditions? |
| Protocol and Ports | Allow the connection |
| Action | This includes connections that are protected with IPsec as well as those are not. |
| Profile | Allow the connection if it is secure |
| Name | Plant includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node. Customize |
| | Learn more about actions Learn more about actions < Back Next > Cancel |

3–9 Choose the type of network to which the rule applies and click Next. The network type can be viewed in the Network and Internet > Network and Sharing Center control panel; if you are unsure, select all three types.

| PNew Inbound Rule Wizar | d 🔤 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Profile | |
| Specify the profiles for which the | is rule applies. |
| Steps: | |
| Rule Type | When does this rule apply? |
| Protocol and Ports | |
| Action | Domain |
| Profile | Applies when a computer is connected to its corporate domain. |
| Name | Private Applies when a computer is connected to a private network location. Public Applies when a computer is connected to a public network location. |
| | Learn more about profiles < Back Next > Cancel |

3–10 Enter a name for the new rule and click **Finish** to close the "New Inbound Rule Wizard" dialog.

| Name | | |
|----------------------------------|-------------------------|--------|
| | | |
| Specify the name and description | of this rule. | |
| Steps: | | |
| Rule Type | | |
| Protocol and Ports | | |
| Action | | _ |
| Profile | Name: | |
| Name | Wreless Transfer_TCP | |
| | Description (optional): | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | < Back Finish | Cancel |

- 3–11 Repeat steps 3–5 to 3–10 for UDP port 5353. Instead of selecting TCP port 15740 in Step 3–7 as described above, select UDP > Specific local ports > 5353.
- 3–12 In the "Windows Firewall with Advanced Security" window, confirm that the new rules have been added to the list of **Inbound Rules**. This completes the process of configuring Windows Firewall.

| Windows Firewall with Advance | Inbound Rules | | | Actions | |
|--------------------------------|-------------------------------------------|-----------------------------|-------|----------------------|--|
| Inbound Rules | | 1 | 0.00 | Inbound Rules | |
| Connection Security Rules | @ WirelessTransfer_UDP | | All | 23 New Rule | |
| Monitoring | WirelessTransfer_TCP | | All F | V Filter by Profile | |
| P 55 montoning | BranchCache Content Represal (F111P-30) | prenencedne * content Metra | All | | |
| | BranchCache Hosted Cache Server (HTT | BranchCache - Hosted Cach | All | Filter by State | |
| | BranchCache Peer Discovery (WSD-In) | BranchCache - Peer Discove | All | Y Filter by Group | |
| | Connect to a Network Projector (TCP-In) | Connect to a Network Proje | Do | View | |
| | Connect to a Network Projector (TCP-In) | Connect to a Network Proje | Priv | 0.000 | |
| | Connect to a Network Projector (WSD Ev | Connect to a Network Proje | Prin | G Refresh | |
| | Connect to a Network Projector (WSD Ev | Connect to a Network Proje | Do | Byport List | |
| | Connect to a Network Projector (WSD Ev | Connect to a Network Proje | Prin | Help | |
| | Connect to a Network Projector (WSD Ev | Connect to a Network Proje | Do | | |
| | Connect to a Network Projector (WSD-In) | Connect to a Network Proje | All | WirelessTransfer_UDP | |
| | Core Networking - Destination Unreacha | Core Networking | All | Disable Rule | |
| | O Core Networking - Destination Unreacha | Core Networking | All | & Cut | |
| | O Core Networking - Dynamic Host Config | Core Networking | All | | |
| | Core Networking - Dynamic Host Config | Core Networking | All | Сору | |
| | Core Networking - Internet Group Mana | Core Networking | All | 🗙 Delete | |
| | Core Networking - IPHTTPS (TCP-In) | Core Networking | All | Properties | |
| | Core Networking - IPv6 (IPv6-In) | Core Networking | All | Help | |
| | Core Networking - Multicast Listener Do | Core Networking | All | - map | |
| | Core Networking - Multicast Listener Qu | Core Networking | All | | |
| | Ocore Networking - Multicast Listener Rep | Core Networking | AII | | |
| | Core Networking - Multicast Listener Rep | Core Networking | All | | |
| | Core Networking - Neighbor Discovery A | Core Networking | All | | |
| | Core Networking - Neighbor Discovery S | Core Networking | All | | |
| < + | The state of the second | A 414 11 | | | |

Third-party security software with firewall support may block the ftp server port, preventing access to the computer. This can be avoided by setting the software to allow protocols send and receive access to TCP ports 15740 and UDP ports 5353. For more information, see the documentation for the software or firewall.

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4: Configure the Wireless LAN Access Point

Configure the wireless LAN access point as described below. For more information, see the documentation provided by the manufacturer.

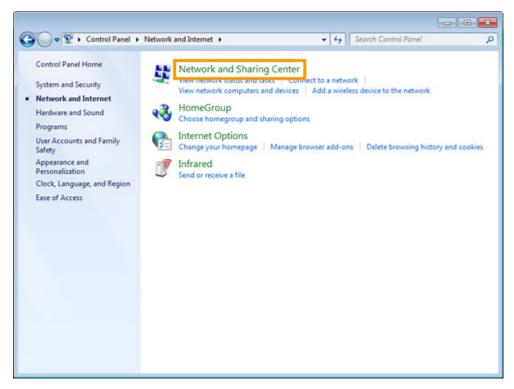
- Network name (SSID): Enter the network identifier (network name or SSID), which may be up to 36 characters long. The network in this example uses the identifier WT-4.
- Wireless mode: Choose 802.11g or 802.11b.
- Channel: Automatic.
- Wireless security
 - Authentication: Choose from open system, shared key, WPA-PSK, or WPA2-PSK. The network in this example uses WPA-PSK.
 - Encryption: If you selected open system or shared key authentication, choose 64- or 128-bit WEP. If you selected WPA-PSK or WPA2-PSK authentication, choose TKIP or AES. The network in this example uses TKIP.
 - Encryption key: If you selected 64-bit WEP encryption, enter a 5-character ASCII or 10 -digit hexadecimal key. If you selected 128-bit WEP encryption, enter a 13-character ASCII or 26-digit hexadecimal key. If you selected TKIP or AES, enter an ASCII key of from 8 to 63 characters or a 64-digit hexadecimal key. The network in this example uses abcde123.
 - ANY connection: Enable this option to make the network SSID public. This makes it easier to connect to the network, but also makes the network less secure. This option may not be available on some access points. In this example, we will enable ANY connection.
- **IP address**: Turn any "obtain automatically" options off and enter the IP address manually. Be sure that the address is different from the addresses used for the computer and WT-4. The addresses for the access point, computer, and WT-4 must however belong to the same class. In this example, we will use the following address for the access point, while the computer and WT-4 are assigned 192.168.1.3 and 192.168.1.4, respectively:
- IP address: 192.168.1.2
- Subnet mask: 255.255.255.0
- Default gateway: ---.---
- DNS server: ---.---.
- MAC address: If the network uses MAC address filtering, the filter must be supplied with the MAC address of the WT-4. After attaching the WT-4 to the camera, turn the WT-4 on, select Wireless transmitter > Device info > MAC address from the camera setup menu, and note the MAC address.

🚫 To the top of the page

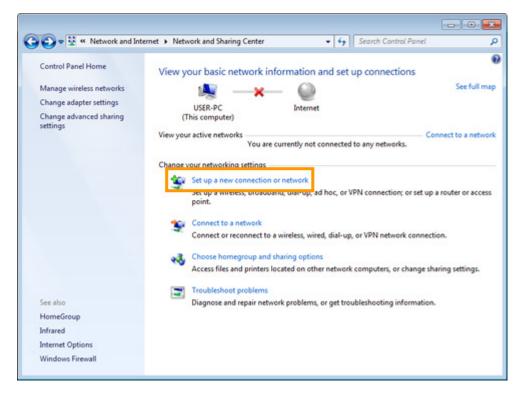
5: Configure the Computer for Wireless Access

This step is only required if the computer connects to the access point via a wireless LAN. If the computer is connected to the wireless access point via a LAN cable, proceed to $\underline{6}$. The settings you choose in $\underline{5}$ should conform to the network settings selected in $\underline{4}$.

- Network name (SSID): WT-4
- Security type: WPA-PSK
- · Encryption type: TKIP
- · Security key: abcde123
- 5–1 Go to the Network and Internet > Network and Sharing Center control panel.

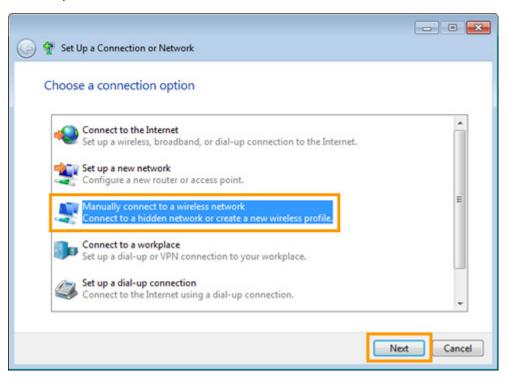


5–2 Click Set up a new connection or network.



5–3 Select Manually connect to a wireless network and click Next.

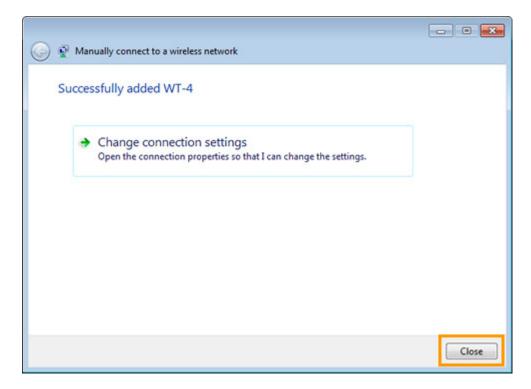
If **Manually connect to a wireless network** is not displayed, install the necessary driver software as described in the documentation for the wireless LAN adapter.



5–4 After entering a network name and choosing security options to match those selected for the wireless LAN access point, click **Next**.

| Network name: | WT-4 | | |
|--------------------|---------------------------------------------------------------------|-----------------|--|
| Security type: | WPA-Personal | • | |
| Encryption type: | ТКІР | • | |
| Security Key: | abcde123 | Hide characters | |
| Start this connect | ction automatically | | |
| | the network is not broadcasting select this option, your compute | | |

- Network name (SSID): Enter a name of up to 32 characters. Use the same name as the access point and WT-4 ("WT-4" in this example).
- Security type: Choose from No authentication (Open), WEP, WPA-Personal, and WPA2-Personal. WPA-Enterprise, WPA2-Enterprise, and 802.1x can not be used with the WT-4.
- Encryption type: The type of encryption available depends on the options selected for Security type:
 - None (open system): None
 - WEP: **WEP**
 - WPA-Personal: **TKIP**, **AES**
 - WPA2-Personal: AES
- Security key: If WEP is selected for Security type, enter a 5- or 13character ASCII key or 10- or 26-digit hexadecimal key. Entering a fivecharacter ASCII or ten-digit hexadecimal key enables 64-bit encryption, a 13-character ASCII or 26-digit hexadecimal key 128-bit encryption. ASCII keys may contain letters, punctuation, and the numbers 0-9, hexadecimal keys the numbers 0-9 and the letters a, b, c, d, e, and f. If TKIP or AES is selected for Security type, enter an ASCII key of 8 to 63 characters or a 64 -digit hexadecimal key.
- 5–5 Click Close.



5-6 Confirm that the network name appears as a Wireless Network Connection (WT-4) in View your active networks > Connections. Network setup is now complete.

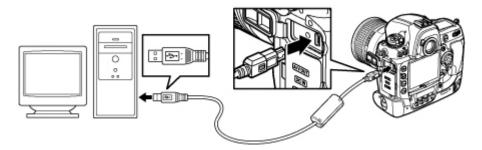
| Control Panel > | Network and Internet Network and Sharing Center | ✓ 4→ Search Con |
|--------------------------|---------------------------------------------------|-------------------------------------------------------|
| Control Panel Home | View your basic network information a | nd set up connections |
| Manage wireless networks | · · · · · · · · · · · · · · · · · · · | See full m |
| Change adapter settings | USER-PC Unidentified net | twork Internet |
| Change advanced sharing | (This computer) | and an |
| settings | View your active networks | Connect or disconnect |
| | Unidentified network | Access type: |
| | Public network | Connections and Wireless Network Connection (WT-4) |
| | Change your networking settings | |
| | Set up a new connection or network | |
| | Set up a wireless, broadband, dial-up, ad point. | hoc, or VPN connection; or set up a router or acces |
| | Connect to a network | |
| | Connect or reconnect to a wireless, wired | d, dial-up, or VPN network connection. |
| | Choose homegroup and sharing options | |
| See also | Access files and printers located on other | network computers, or change sharing settings. |
| HomeGroup | Troubleshoot problems | |
| Infrared | Diagnose and repair network problems, o | or get troubleshooting information. |
| Internet Options | | |
| Windows Firewall | | |

\land To the top of the page

6: Copy the Network Profile to the Camera

Use the WT-4 setup utility to copy the network profile to the camera. If you are using a D3, D3X, or D300 camera, make sure that **MTP/PTP** is selected for the **USB** option in the camera setup menu before proceeding.

6–1 After starting the computer, use the supplied USB cable to connect the camera and turn the camera on.



6–2 Double-click the WT-4 Setup Utility icon on the desktop.

| WT-4 Setup Utility | | |
|-----------------------|---|--|
| () | D | |

6–3 The dialog shown below will be displayed; click **Next**.



6–4 Select Add/Edit profiles and click Next.

| 🎲 WT-4 Setup | Utility | - • • |
|--------------|-----------------------------------------------------------|--------------|
| Nikon. | | (T) Setup |
| | Select Action: | |
| | Select an action and click "Next" | |
| | Add/Edit profiles | |
| | C Change password | |
| | C Setup wireless printer | |
| | C Setup picture folder | |
| | The camera needs to be connected to Add or Edit profiles. | |
| | | |
| | | |
| | | |
| | <back next=""></back> | Cancel |

6–5 Select Add new profile and click Next.

| 🌮 WT-4 Setup Utility | | - • • |
|----------------------|------------------------------------------------------------------------|--------------|
| Nikon. | | (T) Setup |
| Select a | | |
| Select a profile | a from the list or select " <add new="" profile="">" to create a</add> | |
| Current profiles | | |
| | | |
| | | |
| | | |
| | | |
| | <back next=""></back> | Cancel |

- 6–6 Enter the following information and click **Next**:
 - **Profile name**: Enter a name of up to 16 characters (in this example, **PC1**).
 - Profile type: Choose Computer.
 - Interface type: Choose Wireless & Ethernet for networks that include wireless.

| 🎲 WT-4 Setup | Utility | - • • |
|--------------|-------------------------------------------------------------------------------|---------|
| Nikon. | | "TSetup |
| | Enter profile name | |
| | Enter a name for the new profile and select the type of profile and interface | |
| | Profile name PC1 Profile type Computer Interface type Wireless & Ethemet | |
| Help | <back next=""></back> | Cancel |

6–7 Select Manual setup and click Next.

| 😵 WT-4 Setup Utility | - • • |
|-----------------------------------------------------------------------------------------------|--------------|
| Nikon. | (T) Setup |
| Select setup method | |
| Select whether to use manual or automatic setup to configure the IP and Wireless settings. | |
| C Automatic setup (recommended) | |
| Select network adaptor | |
| Manual setup (for advanced users) | |
| | |
| | |
| | |
| <back next=""></back> | Cancel |

- 6–8 Enter the following information and click **Next**.
 - Network name (SSID): WT-4
 - Communication mode: Infrastructure
 - Authentication: WPA-PSK
 - Encryption: TKIP
 - Encryption key: abcde123.

| WT-4 Setup | Utility | | | Contraction Contra |
|------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Wireless setti | ings | | |
| | Network name (SSID) Communication mode Channel Authentication Encryption Encryption key Key index | WT-4 Infrastructure 1 WPA-PSK TKIP abcde 123 | (8 characters) | |
| Help | | <back< td=""><td>Next></td><td>Cancel</td></back<> | Next> | Cancel |

- 6–9 Enter the following information and click **Next**.
 - IP address: 192.168.1.4
 - Subnet mask: 255.255.255.0
 - **Default gateway**: Remove the check from this option.
 - DNS Server: Remove the check from this option.

| 🐲 WT-4 Setup Utility | - • • |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Nikon. | (T) Setup |
| TCP/IP settings | |
| Obtain IP address automatically | |
| IP address 192.168.1.4 | |
| Subnet mask 255.255.255.0 | |
| Default gateway | |
| DNS Server | |
| <back next=""></back> | Cancel |
| Choosing an IP Address Be sure that the address for the WT-4 is different from the address for the computer and access point. The addresses for the access point, and WT-4 must however belong to the same class example, we will use 192.168.1.2 for the access point, 192.10 computer, and 192.168.1.4 for the WT-4. | cess point, . In this |

6–10 Confirm that settings are correct and click **Next**.

| WT-4 Setur Nikon. | o Utility | | (T) Setup |
|----------------------|---------------------|--------------------------------------|--------------|
| | Profile informa | ation | |
| | Field | Value | |
| | Profile name | PC1 | |
| | Profile type | Computer | |
| | Interface type | Wireless & Ethemet | |
| | L | Wireless settings | |
| | Network name (SSID) | WT-4 | |
| | Communication mode | Infrastructure | |
| | Channel | 1 | |
| | Authentication | WPA-PSK | _ |
| | | <back< td=""><td>Cancel</td></back<> | Cancel |

6–11 Select Finish wizard and click Next.

| 😵 WT-4 Setup | Jtility | |
|--------------|----------------------------------------------------|--------------|
| Nikon. | | (T) Setup |
| | Action completed successfully | |
| | The Profile has been saved | |
| | Finish wizard Select another action to perform | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | <back next=""></back> | Cancel |

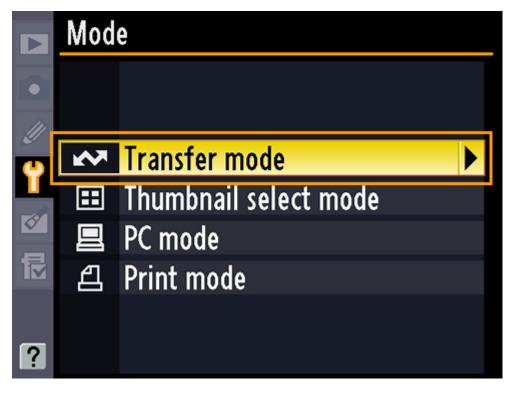
6–12 Turn the camera off and disconnect the USB cable. The network profile has now been copied to the camera.



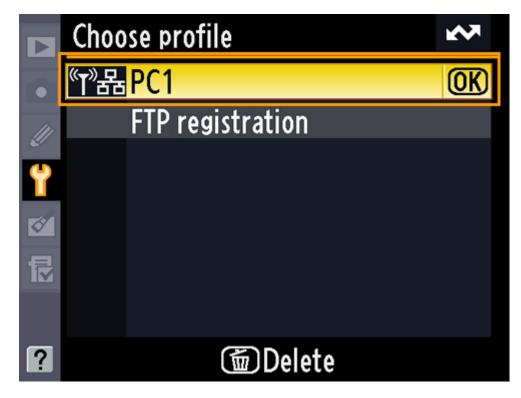
7: Connect to the Computer

In this step, you will establish a wireless connection between the WT-4 and the computer. Before connecting the WT-4, select **MTP/PTP** for the **USB** option in the camera setup menu (D3, D3X, and D300 cameras only) and confirm that the computer is running and the user is logged in.

- 7–1 Insert a memory card in the camera, connect the WT-4, and turn the camera on.
- 7–2 Choose an option for the Wireless transmitter > Mode option in the camera setup menu. In this example, we have selected Transfer mode.

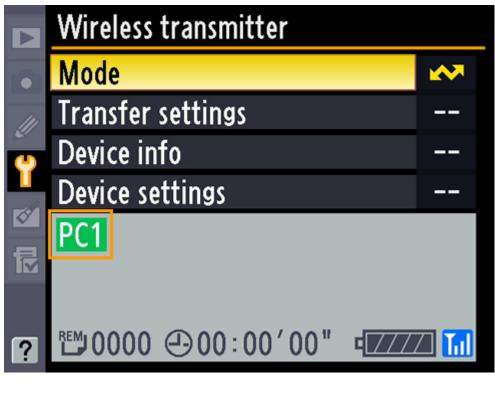


7–3 A list of available connection profiles will be displayed. Highlight the desired profile and press or.



7–4 Return to the wireless transmitter menu and turn the WT-4 on. The profile name will be highlighted in green when a connection is established.

This completes the process of connecting to the computer.



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Configuring the WT-4 for Upload to a Computer (Infrastructure Mode) Windows 7