Nikon

SnapBridge

Connection Guide (for D-SLR Cameras)

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Read this guide for information on using SnapBridge to establish a connection between your camera and a smart device (smartphone or tablet).

What SnapBridge Can Do for You

Establishing a wireless (Bluetooth® Low Energy) connection between a SnapBridge-compatible camera and a smart device running the SnapBridge app lets you:

- **Download pictures and control the camera remotely** from the smart device (for more information, see "Download/Remote Control")
- **Download location data** from the smart device
- **Synchronize the camera clock** to the time reported by the smart device
- **Imprint pictures** with comments or the time of recording

This guide is for version 1.3 of the SnapBridge app.

Readying the Smart Device

Before connecting, ready your smart device by installing the SnapBridge app and enabling Bluetooth and Wi-Fi.

1 Search for "snapbridge" on the Apple App Store® (iOS) or Google Play™ (Android™) and install the SnapBridge app. *Do not launch the SnapBridge app before beginning pairing.*

Download on the **App Store**

GET IT ON **Google Play**

Information on supported operating systems is available from the download site. This camera is not compatible with SnapBridge 360/170.

2 Enable Bluetooth and Wi-Fi on the smart device.

Be sure to use the SnapBridge app to pair the camera and smart device. Do not use the Settings app on your device.

Pairing and Connecting

Before pairing, confirm that there is space available on the camera memory card. To prevent unexpected interruptions, you should also check that the camera battery is fully charged.

**1** Select **Connect to smart device** in the camera setup menu, then highlight **Start** and press ⓦ.
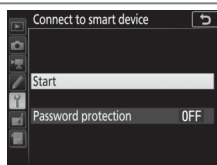
2 The camera will display the message shown at right. Place the smart device next to the camera and launch the SnapBridge app.
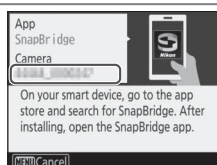
3 Tap the camera name in the SnapBridge app (users who are pairing a camera with an iOS device for the first time will first be presented with pairing instructions; after reading the instructions, scroll to the bottom of the display and tap **Understood**).
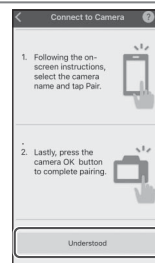
If the SnapBridge app prompts you to choose an accessory, tap the camera name again (there may be some delay before the camera name is displayed).
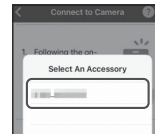
If the camera name is not displayed, return to Step 2 after exiting the SnapBridge app and confirming that it is not running in the background.

4 If the smart device displays an authentication code, confirm that the same six-digit code appears on the camera (note that iOS may not display an authentication code; if no code is displayed, proceed to Step 5).
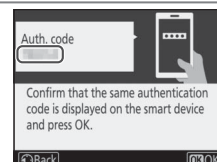
5 Tap **Pair** on the smart device and press ⓦ on the camera.

If pairing fails on an iOS device, the device may nevertheless remember the camera name, in which case you will need to request iOS to "forget" the camera as shown below.
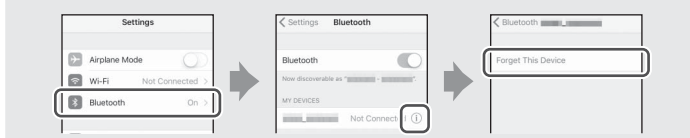
6 When the camera displays the message shown at right, press ⓦ and proceed to Step 7 (if the camera instead displays a message stating that it was unable to connect, press ⓦ and return to Step 2). To cancel pairing, press the **MENU** button.

7 Follow the instructions displayed by the camera to complete setup.
- **To allow the camera to add location data to photos**, select **Yes** in response to "Download location data from smart device?" and enable location services in the SnapBridge app and on the smart device.
- **To synchronize the camera clock with the time provided by the smart device**, select **Yes** in response to "Sync clock with smart device?" and enable synchronization in the SnapBridge app.

The smart device and camera are now connected. Any photos you take will automatically be uploaded to the smart device.

✐ More on SnapBridge

Basic information on the SnapBridge app is available from:
http://snapbridge.nikon.com

For detailed information, consult online help (once pairing is complete, you can view online help by opening the **Other** tab in the SnapBridge app and selecting **Info/settings** > **Instructions**).
*http://nikonimglib.com/snbr/onlinehelp/en/index.html*

Pairing and Connecting Tips and Tricks

Read this section for help connecting or downloading pictures from the camera.

Downloading Pictures

If you experience slow downloads or other problems downloading pictures to the smart device, end pairing and try pairing the devices again.

1 In the SnapBridge app, open the ↻ **Connect** tab, tap ➡ > **End pairing**, and tap **Yes** to end pairing when prompted. Users of iOS will then need to request iOS to "forget" the camera as shown below.
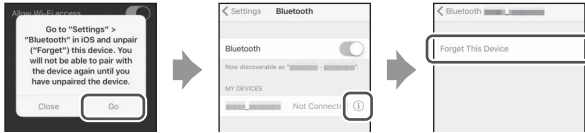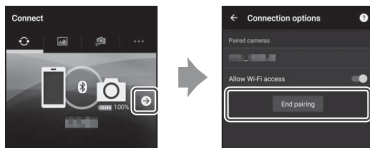
2 Select **Connect to smart device** in the camera setup menu, highlight **Start**, press ⊗, and follow the instructions from Step 2 of "Pairing and Connecting" to pair the camera with the smart device.

The Wi-Fi Prompt (iOS Only)

Although SnapBridge usually relies on Bluetooth for connection between the camera and smart device, Wi-Fi is sometimes required for remote photography and the like. Follow the steps below to connect to the camera via Wi-Fi.

1 After noting the camera network name (SSID) and password, tap **Go**. The default SSID is the same as the camera name.
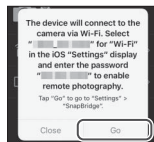
2 Tap **Settings** > **Wi-Fi** and select the SSID you noted in Step 1.
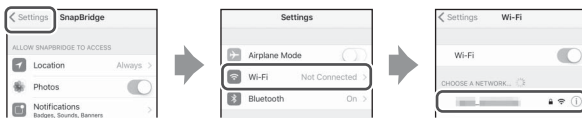
3 When connecting via Wi-Fi for the first time, you will be prompted to enter the camera password. Enter the password you noted in Step 1 (note that passwords are case-sensitive). A ✓ mark will appear next to the camera SSID as shown at right when a connection is established.

☑ Changing the Camera SSID and Password

The camera SSID and password can be changed using the **Wi-Fi** > **Network settings** option in the camera setup menu. We recommend that you periodically change the password to protect your privacy.

☑ Wi-Fi Connections

Wi-Fi connections will end automatically if you switch to another app or close the 📷 **Camera** tab in the SnapBridge app.

Enabling/Disabling Wireless Connections

The connection to the camera can be turned on or off using the **Airplane mode** option in the camera setup menu or the **Auto link** option in the SnapBridge app ↻ **Connect** tab. Disabling **Auto link** also reduces the drain on the battery in the smart device.

✐ Airplane Mode

Selecting **Enable** for **Airplane mode** in the camera setup menu disables all wireless functions, including Bluetooth, Wi-Fi, and Eye-Fi. Choose this option wherever the use of wireless devices is prohibited.

Download/Remote Control

Use the SnapBridge app to download pictures and control the camera remotely.

Downloading Pictures

Any of the following methods can be used to download pictures from the camera:

- **Download photos automatically as they are taken**: To download photos automatically as they are taken, select **On** for **Send to smart device (auto)** in the camera setup menu. Photos are downloaded at a size of 2 megapixels (some cameras may offer additional sizes); movies will not be downloaded automatically.
- **Select photos on the camera**: Use this option to download photos taken with **Off** selected for **Send to smart device (auto)**. Photos can be selected using the **Select to send to smart device** option in the camera playback menu or by pressing the *i* button during playback and selecting **Select to send to smart device/deselect**. Photos are downloaded at a size of 2 megapixels (some cameras may offer additional sizes); movies cannot be selected.
- **Select pictures on the smart device**: Selecting **Download selected pictures** in the SnapBridge app 📷 **Camera** tab displays a message prompting you to switch to Wi-Fi: select **Yes** to switch to Wi-Fi or **No** to download pictures using Bluetooth (if you are using an iOS device, follow the instructions in "The Wi-Fi Prompt" after selecting **Yes**). You can then use the controls on the smart device to download pictures selected from a list of the photos and movies stored on the camera (note that movie download requires a Wi-Fi connection).

✐ "Send While Off"

To allow download to continue while the camera is off, select **On** for **Bluetooth** > **Send while off** in the camera setup menu.

☑ NEF (RAW)/TIFF

Photos in these formats cannot be downloaded.

☑ Bluetooth-Only Cameras

The SnapBridge app cannot be used to download movies from the D3400 and other SnapBridge-compatible cameras not equipped with Wi-Fi.

Remote Photography

The **Remote photography** controls in the SnapBridge app 📷 **Camera** tab can be used to release the camera shutter remotely and download the resulting photos to the smart device. After enabling remote photography, follow the on-screen instructions in the SnapBridge app to switch to Wi-Fi (if you are using an iOS device, follow the instructions in "The Wi-Fi Prompt").

☑ Bluetooth-Only Cameras

The SnapBridge app cannot be used to control the D3400 and other SnapBridge-compatible cameras not equipped with Wi-Fi.

Use the latest version of the SnapBridge app. The dialogs and messages displayed by the camera and smart device may differ from those shown here, and operations may differ depending on the camera firmware and version of SnapBridge used. Button names may also vary from model to model. For more information on using the camera or smart device, see the documentation provided with the device.

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