

Nikon

SnapBridge

Connection Guide (for KeyMission 80)

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This document describes the procedure for using the SnapBridge app (Version 2.0) to establish a wireless connection between KeyMission 80 and smart device.

When you establish a wireless connection between KeyMission 80 and smart device, you can upload images captured with the camera to the smart device, or use the smart device to release the camera shutter (page 7).

- Use the latest version of the SnapBridge app and camera firmware. You can download the latest camera firmware from the Nikon Download Center. The operating procedures may vary depending on the camera firmware, version of the SnapBridge app, or OS of the smart device.



Installing the SnapBridge app

1 Install the SnapBridge app on the smart device.

- Download the app from the Apple App Store® for iOS, and from Google Play™ for Android™. Search for “snapbridge” and then install it.



- Visit the applicable download site for more information about supported OS versions.
- The “SnapBridge 360/170 app” cannot be used with KeyMission 80.



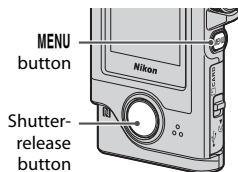
2 Enable Bluetooth and Wi-Fi on the smart device.

- **Use the SnapBridge app to connect to the camera. You cannot connect from the Bluetooth settings screen on the smart device.**

Connecting the Camera and a Smart Device

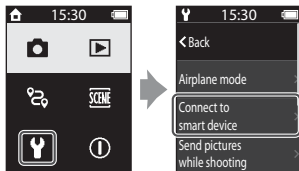
- Check that the camera is sufficiently charged so that it does not turn off during the procedure.
- Insert a memory card with sufficient free space into the camera.
- See the documentation provided with the camera for details on how to use it.

1 Camera: Press the shutter-release button or **MENU** (menu) button to turn on the camera.



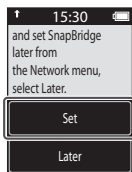
2 Camera: Press the **MENU** button when the shooting screen is displayed, and select the **Y** setup menu → **Camera settings** → **Network menu** → **Connect to smart device**.

- The dialog in step 3 is displayed when you turn it on for the first time. This step is unnecessary in such cases.



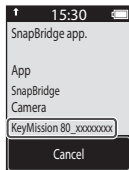
3 Camera: Scroll down the screen, and select **Set** when the dialog on the right is displayed.

- A dialog prompting you whether to use the NFC function is displayed. If you will use the NFC function, touch the NFC antenna of the smart device to **N** (N-mark) on the camera. When **Start pairing?** is displayed on the smart device, tap **OK** and proceed to step 8. If you will not use the NFC function, scroll down the screen and select **Next**.




4 Camera: Scroll down the screen, and confirm that the dialog on the right is displayed.

- Prepare the smart device and proceed to the next step.



5 Smart device: Launch the SnapBridge app and tap **Pair with camera**.

- When the dialog to select a camera is displayed, select and tap KeyMission 80.
- If you did not connect to the camera by tapping **Skip** at the upper-right of the screen when launching the SnapBridge app for the first time, tap **Pair with camera** in the  tab and proceed to step 6.



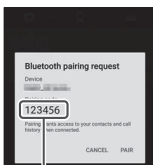
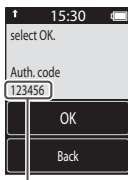
6 Smart device: In the **Pair with camera** screen, tap the camera name.

- For iOS, if a dialog explaining the procedure is displayed when connecting, confirm the details and tap **Understood** (if it is not displayed, scroll down the screen). Tap the camera name again when the screen to select an accessory is displayed (it may take some time for the camera name to be displayed.).

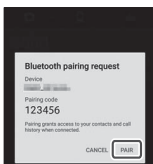
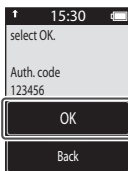


7 Camera/smart device: Scroll down the camera screen, and confirm that the camera and smart device display the same number (six digits).

- For iOS, the number may not be displayed on the smart device depending on the OS version. Proceed to step 8 in such cases.



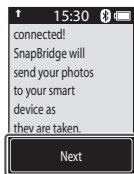
8 Camera/smart device: Tap **OK** on the camera and **PAIR** in the SnapBridge app.





9 Camera/smart device: Finish the connection settings.

Camera: Scroll down the screen, and select **Next** when the dialog on the right is displayed.

Smart device: Tap **OK** when the dialog indicating that pairing is complete is displayed.



10 **Camera:** Follow the on-screen instructions to complete the setup process.

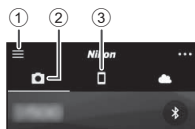
- To record location data with photographs, select **Yes** when prompted and enable the location data features. Enable location data features on the smart device, and in the  tab of the SnapBridge app → **Auto link options** → enable **Synchronize location data**.
- You can synchronize the camera clock to the time reported by the smart device by selecting **Yes** when prompted. In the  tab of the SnapBridge app → **Auto link options** → enable **Synchronize clocks**.

Connecting the camera and smart device is complete.

Still images captured with the camera are automatically uploaded to the smart device.

Screens in the SnapBridge App

- ① You can view notices from Nikon and the SnapBridge app Help, as well as configure the app's settings.
- ② Primarily perform connection settings for smart devices and cameras.
- ③ You can view images uploaded from the camera, and delete or share images.






To Learn More About the SnapBridge App

See the online help for details on how to use the SnapBridge app (after connecting, refer to the SnapBridge app menu → **Help**).

<http://nikonimglib.com/snbr/onlinehelp/en/index.html>

Disconnecting and Reconnecting the Connection

Use any of the following methods to disconnect and reconnect the connection.



- Switch the setting in the  setup menu → **Camera settings** → **Network menu** → **Airplane mode** in the camera. You can set it to **On** to turn off all communication functions in places where wireless communication is prohibited.
- Switch the setting in the  setup menu → **Camera settings** → **Network menu** → **Bluetooth** → **Connection** in the camera.
- Switch the setting in the  tab → **Auto link options** → **Auto link** in the SnapBridge app.

You can reduce battery consumption of the smart device by disabling this setting.

Image Upload and Remote Photography

Image Upload

There are three ways to upload images.



Automatically upload images to the smart device every time they are captured ^{1, 2}	Press the MENU button on the camera, Y setup menu → Camera settings → Network menu → Send pictures while shooting → set Still images to On . Movies cannot be uploaded automatically.
Select images in the camera and upload them to the smart device ^{1, 2}	Use the camera to play back the image you want to upload, press the MENU button, and select  upload reservation → Yes . Movies cannot be selected for upload.
Use the smart device to select images in the camera and download them to the smart device	 tab in the SnapBridge app → tap Download pictures . A dialog related to Wi-Fi connections is displayed. Tap OK ³ and select images.

¹ The size of images that are uploaded is 2 megapixels.

² When the **Y** setup menu → **Camera settings** → **Network menu** → **Bluetooth** → **Send while off** in the camera is set to **On**, images are uploaded to the smart device automatically even when the camera is turned off.


³ Depending on the iOS version, you must select the camera SSID if you tap **OK**.
See "If a Dialog Related to Wi-Fi Connections Is Displayed in iOS" (page 8).

Notes About When in a Wi-Fi Connection

- If the smart device enters sleep mode or you switch from the SnapBridge app to another app, the Wi-Fi connection will be disconnected.
- Some functions of the SnapBridge app cannot be used during a Wi-Fi connection. To cancel a Wi-Fi connection, tap the  tab →  → **Yes**.



Remote Photography


You can tap the  tab in the SnapBridge app → **Remote photography** to release the camera shutter using a smart device.

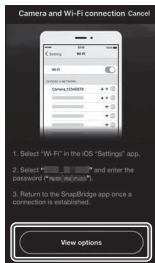
- Follow the instructions in the SnapBridge app to switch to a Wi-Fi connection. In iOS, a dialog related to Wi-Fi connections may be displayed. In such a case, see “If a Dialog Related to Wi-Fi Connections Is Displayed in iOS” (page 8).

If a Dialog Related to Wi-Fi Connections Is Displayed in iOS


The SnapBridge app normally connects the camera and smart device via Bluetooth. However, switch to a Wi-Fi connection when using **Download pictures** or **Remote photography**. Depending on the iOS version, you must switch the connection manually. In such a case, use the following procedure to set the connection.

- 1** Write down the camera SSID (camera name at default) and password displayed on the dialog in the smart device, and then tap **View options**.

- You can change the SSID or password by using the  setup menu → **Camera settings** → **Network menu** → **Wi-Fi** → **Network settings** in the camera. To protect your privacy, we recommend that you change the password regularly. Disconnect the wireless connection when changing the password (page 6).



- 2** Select the SSID you wrote down in step 1 from the list of connections.

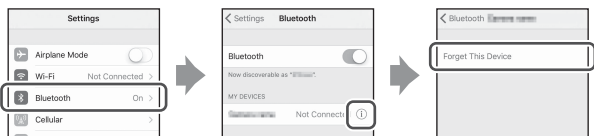
- If this is your first time connecting, input the password you wrote down in step 1 while taking note of uppercase and lowercase characters. Inputting the password is unnecessary after the first time connecting.
- The Wi-Fi connection is complete when  is displayed next to the camera SSID as shown in the screen on the right. Tap the text "SnapBridge" at the upper-left of the screen to return to the SnapBridge app screen.



Troubleshooting




If the Connection Is Unsuccessful

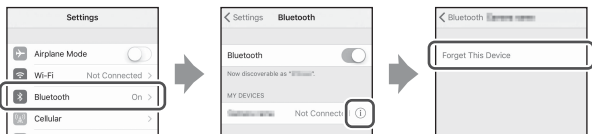
- If the camera displays **Could not connect.** when connecting
 - Select **Reconnect** and repeat the procedure from step 3 (page 4) in “Connecting the Camera and a Smart Device” to connect again.
 - Select **Cancel** to cancel the connection.
- Turn the camera off and then on again.
- The issue may be solved by relaunching the app. Close the SnapBridge app completely and then tap the app icon again to launch it. When the app launches, repeat the procedure from step 2 (page 3) in “Connecting the Camera and a Smart Device.”
- If the camera cannot connect and an error occurs in iOS, the camera may be registered as a device in iOS. Launch the iOS settings app and deregister the device (camera name) in such cases.







- Check the settings of the **Y** setup menu → **Camera settings** → **Network menu** in the camera.
 - Set **Airplane mode** to **Off**.
 - Set **Bluetooth** → **Connection** to **Enable**.
- If the camera is connected to two or more smart devices, use the **Y** setup menu → **Camera settings** → **Network menu** → **Bluetooth** → **Paired devices** in the camera to select the smart device that you want to connect to. If two or more cameras are registered as SnapBridge app connections, switch the connection on the app.
- Check that the camera is sufficiently charged.
- Insert a memory card with sufficient free space into the camera.
- Remove the HDMI cable or USB cable.
- Enable Bluetooth, Wi-Fi, and location data features on the smart device.
- In the **📷** tab of the SnapBridge app → **Auto link options** → turn on **Auto link**. If it is off, you can use **Download pictures** and **Remote photography**, but images cannot be uploaded automatically.

If Images Cannot Be Uploaded Successfully

- If the connection is disconnected while uploading images through the **Send pictures while shooting** or  upload reservation function in the camera, the connection and image upload may resume when you turn the camera off and then on again.
- You may be able to upload by canceling the connection and then establishing a connection again. Tap the  tab in the SnapBridge app →  → **Forget camera** → camera whose connection you want to cancel → **Yes*** to cancel the connection, and then follow the instructions in "Connecting the Camera and a Smart Device" (page 3) to establish a connection again.
 - * For iOS, a dialog about device registration will be displayed. Launch the iOS settings app and deregister the device (camera name).



- When uploading automatically, perform the following operations.
 - The  setup menu in the camera → **Camera settings** → **Network menu** → **Send pictures while shooting** → set **Still images** to **On**.
 - In the  tab of the SnapBridge app → **Auto link options** → turn on **Auto link**.
 - In the  tab of the SnapBridge app → **Auto link options** → turn on **Auto download**.
 - When the  setup menu in the camera → **Camera settings** → **Network menu** → **Bluetooth** → **Send while off** is set to **Off**, turn on the camera or set it to **On**.
- Insert a memory card into the camera.
- You may not be able to use image upload functions or uploading may stop while the camera is operating.
- You may not be able to use image upload functions or uploading may stop in the following situations.
 - During route shooting

If Remote Photography Cannot Be Performed

- You cannot perform remote photography when a memory card is not inserted into the camera. Insert a memory card.
- You may not be able to use remote photography while the camera is operating.
- You may not be able to use remote photography in the following situations.
 - During route shooting

If Still Images Cannot Be Uploaded in Their Original Size

For **Send pictures while shooting** and  upload reservation in the camera, the size of uploaded images is restricted to 2 megapixels. To upload still images in their original size, use **Download pictures** in the SnapBridge app.

- Smartphones and tablets are referred to as “smart devices” in this Connection Guide.
- The camera and smart device screens, button names, and button positions shown in this manual may differ from those of the actual products depending on the model.
- See the documentation provided with the smart device for information on how to use it.
- Trade names mentioned in this manual or documentation provided with your Nikon product are the trademarks or registered trademarks of their respective holders. See the documentation provided with the camera for details.

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