

Using an iOS or Android Device as a Remote Control

Using the CameraAccess plus app*, you can view the image streamed from the camcorder on your iOS/Android device even when the camcorder is somewhere else. You can use your iOS/Android device as a remote control to start recording on the camcorder and, while using the Monitor from Home function, you can even record the streamed image locally on your iOS/Android device.

* The CameraAccess plus app, provided by PIXELA, is available for free from the App Store (for iOS devices) and Google Play™ (for Android smartphones).

Operating modes:



POINTS TO CHECK

- Before you perform the following procedures for the first time, download and install the CameraAccess plus app on your iOS/Android device. The app can be downloaded for free from the following Web sites.
App Store:
<http://appstore.com/cameraaccessplus>

Google Play™:

<http://play.google.com/store/apps/details?id=jp.co.pixela.cameraaccessplus>

Streaming via Wi-Fi (Monitor from Home)

With this function, you can monitor the image streamed from the camcorder when it is in another location within Wi-Fi connection range, for example, in another room in the house. You can use your iOS/Android device to control the camcorder and record the streamed image on the camcorder or directly onto your device.

1 Camcorder: Activate the [Monitor from Home] function.



- The camcorder's SSID (network name) and password will appear.
 - The camcorder will be ready to connect with the iOS/Android device.
- ## 2 iOS/Android device: In the Wi-Fi settings screen, turn on Wi-Fi and select the network name that appears on the camcorder's screen (step 1). If necessary, enter the password that appears on the camcorder's screen.
- The camcorder's network name (SSID) should appear in the list of networks/access points detected by the device.
 - As long as you do not reset the camcorder's Wi-Fi password, you only need to enter the password the first time you connect the device.
 - When the Wi-Fi connection is correctly established, [Connected] will appear on the camcorder's screen.
- ## 3 iOS/Android device: Start the CameraAccess plus app.
- Use the app's onscreen controls to operate the camcorder while viewing the live image on the device.

When you have finished recording

- ## 1 Camcorder: Touch [End] to end the wireless connection and turn off the camcorder.
- ## 2 iOS/Android device: Close the CameraAccess plus app.

Streaming via Wi-Fi and Internet (Monitor while Out)

With this function, you can leave the camcorder home and monitor the streamed image while you are away. You can even use your iOS/Android device to start recording on the camcorder.

Using the Remote Monitoring Checker utility program (for Windows only), you can check whether your home network's access point and Internet connection meet the requirements for using the Monitor while Out function*. For details about this program and links to the download

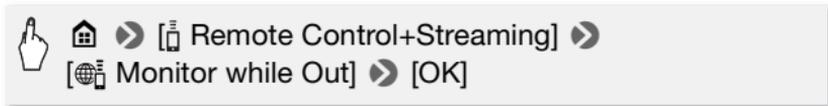
page, visit PIXELA's Web site.

<http://pixela.jp/cermc>

* To use the Monitor while Out Function, an access point compatible with UPnP (Universal Plug and Play) and an Internet connection that can acquire global IP addresses are required.

Preparing the Camcorder

1 Activate the [Monitor while Out] function.



- The first time you activate the function, you will need to set a password and the port to be used by this function (steps 2-4). If you have already completed the settings for the Monitor while Out function, skip to step 5.

2 Touch [OK] to open the settings screen.

3 To enter the [Password] field, touch [Not configured]. Enter a unique password for the Monitor while Out function and touch [OK].

- The password must be between 4 and 8 characters long. We recommend using an 8-character password using a mix of numbers and uppercase/lowercase letters.
- To enter the password (and the port number in the next step) use the virtual keyboard (📖 5).

4 To change the port number to be used, touch [80]. Enter a different port number and touch [OK].

By default, the port number is set to 80 but you can change it if necessary.

5 If necessary, set up a connection to an access point.

- If you have previously configured and saved a connection to an access point, the camcorder will connect automatically to the last access point used. Continue to step 6.
- If no connections to access points have been saved in the camcorder, the message [Save the access point] will appear on the screen. Touch [OK] to configure and save a new access point

connection (step 2 in *Wi-Fi Connection Using an Access Point* in the *Wi-Fi Functions* section of the camcorder's instruction manual (PDF file)) before continuing with this procedure.

6 When the wireless connection is successfully established, the camcorder's ID will be displayed on the screen.

The camcorder will be ready to connect with the iOS/Android device.

Connecting the iOS/Android Device

If the iOS/Android device is connected to the same Wi-Fi network as the camcorder, CameraAccess plus will recognize the camcorder's ID and register it automatically. Otherwise, you can enter the camcorder's ID manually.

As long as you do not reset the camcorder's settings, you only need to register the camcorder's ID the first time you connect the device. Later on, you only need to enter the Monitor while Out password (start this procedure from step 4).

To register the camcorder's ID in the CameraAccess plus app

- 1 If the iOS/Android device is near the camcorder, turn on Wi-Fi and select the same access point as that to which the camcorder is connected (step 5 in the previous procedure).**
- 2 Start the CameraAccess plus app and touch Setting and then Start.**

If the iOS device is not connected to the same access point as the camcorder, enter manually the camcorder's ID that is displayed on the camcorder's screen (step 6 in the previous procedure).

- 3 Touch Finish and close the CameraAccess plus app.**

If necessary, disconnect the iOS/Android device from the access point.

To use the Monitor while Out function

- 4 While you are out, start the CameraAccess plus app.**

Make sure the iOS/Android device is connected to a Wi-Fi access point.

- 5 Touch Start under Monitor while Out.**

- 6 Enter the password for the Monitor while Out function that you set in the camcorder (step 3 of the previous procedure) and then touch **Connect**.

Use the app's onscreen controls to operate the camcorder while viewing the live image on the device.

To end the Monitor while Out mode

On the camcorder, touch **[End]** to end the wireless connection and then turn off the camcorder.

Using the virtual keyboard

When you need to enter text for various settings, touch the text field and a virtual keyboard will appear on the screen. The illustration below explains the various keys you can use.

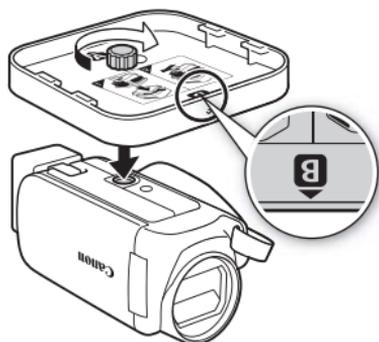


- 1 Switch between letters and numbers/special characters.
- 2 Change the position of the cursor.
- 3 Delete the character to the cursor's left (backspace).
- 4 Caps Lock. When the numerical keyboard is displayed, [#%?] switches between set 1 and set 2 of special characters.

i NOTES

- For details about the CameraAccess plus app, visit PIXELA's Web site. <http://pixela.jp/cecap>
- This function is not available in the following cases.
 - When the video quality is 50P.
 - When dual recording or relay recording is activated.
- Depending on the connection and the strength of the wireless signal, there may be interruptions in the live video image or the response may be slow.

- **About the CT-V1 Camera Pan Table:** If you mount the camcorder on the optional CT-V1 Camera Pan Table, you can use the CameraAccess plus app on your iOS/Android device as a remote control to move the camcorder sideways (panning) in addition to starting/stopping recording.
- When you mount the camcorder on the CT-V1 Camera Pan Table, make sure that the lens is facing the **B** direction (type B). For details, refer to the instruction manual of the CT-V1.



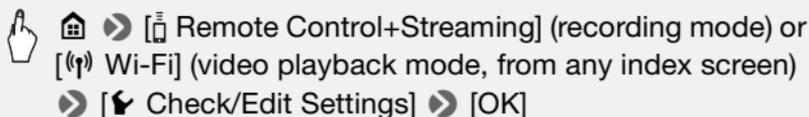
Viewing and Changing Wi-Fi Settings

You can review and change, if necessary, the settings used for the various Wi-Fi connections and for the Monitor while Out function.

Operating modes:



- 1 Open the [Check Current Configuration] screen.



To view the connection settings for iOS/Android devices

- 2 Touch [Smartphone Connection Settings].
The camcorder's SSID and password will appear.

- 3 If necessary, change the camcorder's network name (SSID) and password.



- The next time you make a wireless connection, you will need to change the Wi-Fi settings on the iOS/Android device.
- 4 Touch [↶] repeatedly to return to the (Home) menu, and then touch [✕] to close the menu.

To view the access point's connection settings

2 Touch [Access Point Connection Settings].

- The 4 access points' SSID settings in the camcorder's memory will appear.
 - If there are available connection slots, you can touch [Not configured] to set up a new access point.
- 3 Touch the SSID of the access point whose settings you want to view.
 - The access point's settings will appear.
 - Touch [▲] and [▼] to view more information.
 - To delete the access point connection displayed, touch [Edit] ➤ [Delete] ➤ [Yes].
 - To manually change the settings of the access point connection displayed, touch [Edit] ➤ [Manual Setup] and then perform the procedure in *Manual Setup* in the *Wi-Fi Functions* section of the camcorder's instruction manual (PDF file).
 - Touch [↶] to return to the access point selection screen.
 - 4 Touch [↶] repeatedly to return to the (Home) menu, and then touch [✕] to close the menu.

To view the settings for the Monitor while Out function (recording mode only)

2 Touch [Monitor while Out Settings].

The password and port to be used for the Monitor while Out function will appear.

3 If necessary, change the settings.

Steps 3 and 4 in *Streaming via Wi-Fi and Internet (Monitor while Out)* (📖 3).

- 4 Touch [↩] repeatedly to return to the 🏠 (Home) menu, and then touch [✕] to close the menu.

List of Messages for the Monitor while Out Function

(in alphabetical order)

Refer to this list if a message appears while using the Monitor while Out function. Refer also to the instruction manual of your wireless router and other devices you will use. For other messages, refer to *List of Messages* in the camcorder's instruction manual (PDF file).

Another user is already controlling the camcorder. Try again later.

- This message appears on the screen of the Wi-Fi device. Multiple Wi-Fi devices are trying to connect with the camcorder. Make sure only one Wi-Fi device is trying to connect and then touch Retry.

The access point is not compatible with UPnP

- A wireless router compatible with UPnP (Universal Plug and Play) could not be found on the Wi-Fi network. Use a UPnP-compatible wireless router. If you are using a UPnP-compatible wireless router, be sure to activate the UPnP protocol.

Unable to connect to the server

- The camcorder could not connect to the external server used for the Monitor while Out function. Make sure the access point is correctly connected to the Internet.
- Check that 📶 ➡ 📶 ➡ [Date/Time] is set to the correct date and time.

The information in this manual is verified as of March 2014. Subject to change without notice.