



Sending Images to a Web Service

Wi-Fi Connection to a Web Service

You can register various Web services on the camera and send images stored in the camera to them.

Preparation

Signing Up as a CANON iMAGE GATEWAY Member

To send images to Web services, you need to sign up as a CANON iMAGE GATEWAY member (free of charge).

Once you are a CANON iMAGE GATEWAY member, you can publish photos you took in online albums and use a range of services. This Web site also serves as a platform for sharing images on registered Web services. Connect to the Internet from a computer or other device, access the Canon Web site (<http://www.canon.com/cig>) to check countries and areas supporting the services, then register as a member by following the instructions.

If you also intend to use Web services other than CANON iMAGE GATEWAY, you must have an account with the services you intend to use. For details, consult each individual Web service's site.

Configuring Settings to Use Web Services

Start EOS Utility on the computer, log in to CANON iMAGE GATEWAY, then configure the camera's settings to enable access to Web services. For details, refer to the EOS Utility Instruction Manual (PDF).



- To use CANON iMAGE GATEWAY, you must be able to connect to the Internet. (An account with an internet service provider is necessary, browser software needs to be installed, and a line connection must be completed.)
- For information on browser (e.g. Microsoft Internet Explorer) versions and settings required to access CANON iMAGE GATEWAY, check the CANON iMAGE GATEWAY site.
- Fees to connect to your provider and communication fees to access your provider's access point are charged separately.
- If there has been a change in the service features of registered Web services, operation may be different from the description in this manual, or operation may not be possible.
- For member registration, refer to Help on the CANON iMAGE GATEWAY site.

The general procedure for sending images to a Web service is as follows.

- 1 Prepare a computer on which EOS Utility has been installed.**
Use the EOS software CD-ROM to install EOS Utility.
- 2 Access Canon Web site from the computer and sign up as a CANON iMAGE GATEWAY member (free of charge).**
If you are already a member, proceed to step 3.
- 3 Connect the camera and computer with an interface cable.**
Before connection, set [**1: Wi-Fi/NFC**] to [**Disable**].
- 4 Start EOS Utility on the computer, log in to CANON iMAGE GATEWAY, then configure the camera's settings to enable access to Web services.**
For details, refer to the EOS Utility Instruction Manual (CD-ROM).
- 5 Connect the camera to a Wi-Fi access point (p.110).**
Disconnect the interface cable in advance.
- 6 Send images to a Web service registered on the camera (p.121).**
You can share images with your family and friends by sending images from the camera to a Web service registered on the camera or by sending links to the online albums.



- For information on countries and areas supporting CANON iMAGE GATEWAY services, refer to the Canon Web site (<http://www.canon.com/cig>).
- For Web services that can be used with this camera's wireless LAN functions, refer to the CANON iMAGE GATEWAY site.

Checking the Type of Access Point

To start with, check if the access point supports Wi-Fi Protected Setup (WPS) that allows easy connection between Wi-Fi devices.

If you do not know if the access point you use is WPS-compatible, refer to the access point instruction manual or other documentation.

- **When WPS is supported**

The following two connection methods are available. Connection can be established easier with WPS (PBC mode). However, both provide high security settings.

- Connection via WPS (PBC mode): Perform the operations described on page 111.
- Connection via WPS (PIN mode): Perform the operations described on page 114.

- **When WPS is not supported**

- Manual connection by searching networks: Perform the operations described on page 117.



- If stealth functions of the access point are enabled, connection may be disabled. Deactivate stealth functions.
- When connecting to a network that has a network administrator, ask the administrator about the detailed setting procedures.

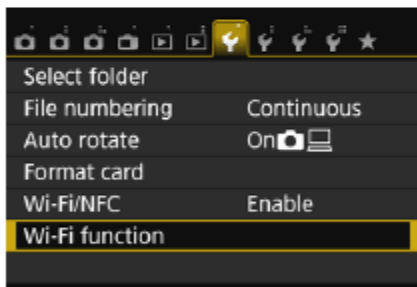


If the network you use filters by MAC address, register the MAC address of the camera at the access point. The MAC address can be checked on the [General sett.] screen (p.138).

Connection via WPS (PBC Mode)

This is a connection mode available when using an access point compatible with WPS. In pushbutton connection mode (PBC mode), the camera and the access point can be connected simply by pressing the WPS button on the access point.

- If multiple access points are active in the surrounding area, it may be more difficult to establish a connection. In such a case, try using **[WPS (PIN mode)]** to establish a connection.
- Check the position of the WPS button on the access point in advance.
- It may take approx. one minute to establish a connection.



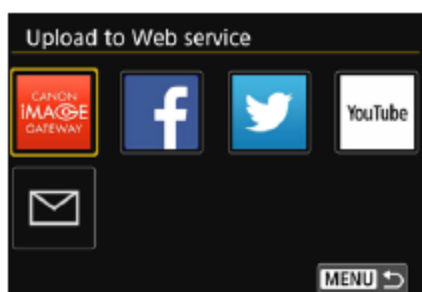
1 Select [Wi-Fi function].

- Under the [**1**] tab, set **[Wi-Fi/NFC]** to **[Enable]**, then select **[Wi-Fi function]**.



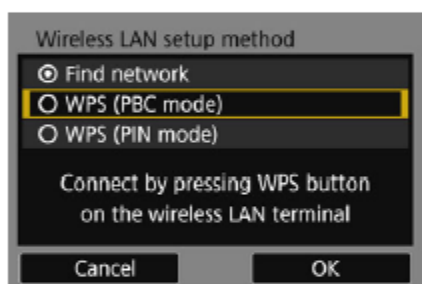
2 Select [**2**].

- Select [**2**] (Upload to Web service) and press < **SET** >.



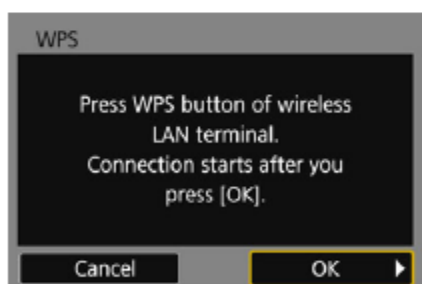
3 Select a Web service.

- Select a Web service to connect to, then press **<SET>**.
- The contents and ordering of the list of items displayed will vary depending on settings.
- The Web service to connect to can be changed later (p.126).
- ▶ The camera's **<(P)>** lamp will blink.
- ▶ When the **[Send to]** screen (p.125) is displayed, select a destination and go to step 4.



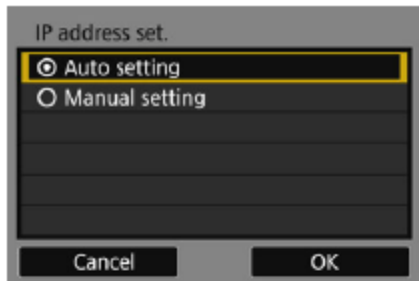
4 Select **[WPS (PBC mode)]**.

- Press the **<▲>** **<▼>** keys to select **[WPS (PBC mode)]**, then press **<SET>**.
- Select **[OK]** and press **<SET>** to go to the next screen.



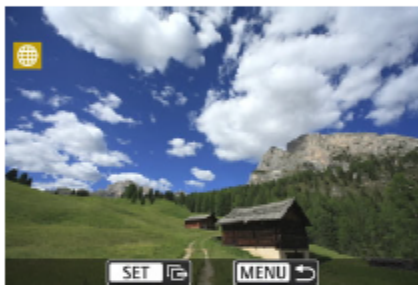
5 Connect to the access point.

- Press the access point's WPS button. For details about where the button is located and how long to press it, refer to the access point's instruction manual.
- Select **[OK]** and press **<SET>** to establish a connection with the access point.
- ▶ When a connection with the access point is established, the next screen is displayed.



6 Select [Auto setting].

- Press the <▲> <▼> keys to select [Auto setting], then press <SET>.
- Select [OK] and press <SET>. The settings are saved and an image on the card is displayed.
- ▶ The camera's <(P)> lamp will light up in blue.
- If [Auto setting] results in an error or if you want to specify the settings manually, see page 160.



7 Select the images to send.

- Select and send the images. For information on how to send images, see page 121.

The settings for networking with Web services are now complete.

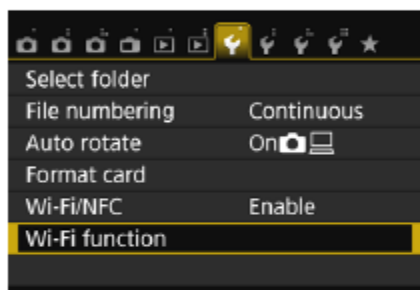


The IP address can only be set automatically in environments using DHCP servers, or access points or routers with DHCP server functionality, such that IP addresses and related settings are assigned and configured automatically.

Connection via WPS (PIN Mode)

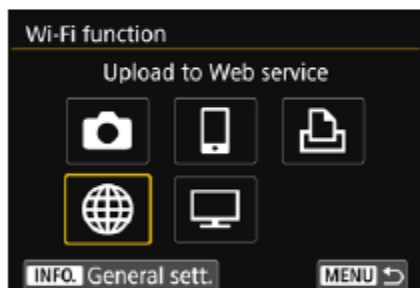
This is a connection mode available when using an access point compatible with WPS. In PIN code connection mode (PIN mode), an 8-digit identification number specified on the camera is set at the access point to establish a connection.

- Even if there are multiple access points active in the surrounding area, a relatively reliable connection can be established using this shared identification number.
- It may take approx. one minute to establish a connection.



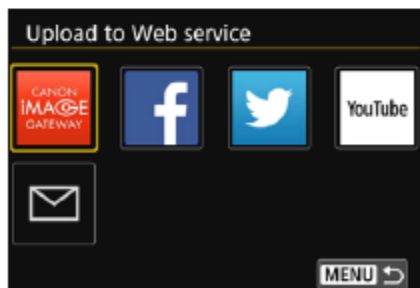
1 Select [Wi-Fi function].

- Under the [**1**] tab, set [Wi-Fi/NFC] to [Enable], then select [Wi-Fi function].



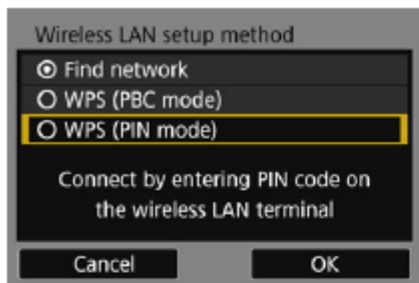
2 Select [**1**].

- Select [**1**] (Upload to Web service) and press <SET>.



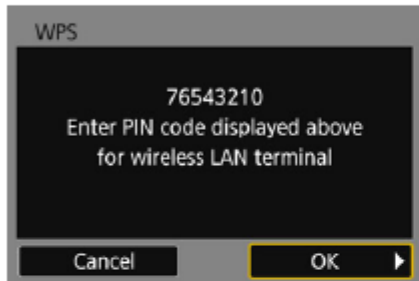
3 Select a Web service.

- Select a Web service to connect to, then press <SET>.
- The contents and ordering of the list of items displayed will vary depending on settings.
- The Web service to connect to can be changed later (p.126).
 - ▶ The camera's <P> lamp will blink.
 - ▶ When the [Send to] screen (p.125) is displayed, select a destination and go to step 4.



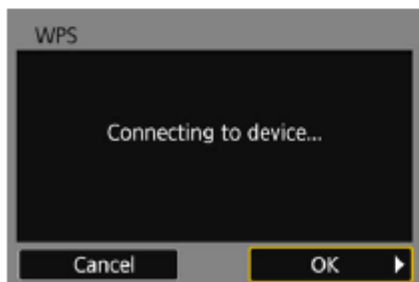
4 Select [WPS (PIN mode)].

- Press the <▲> <▼> keys to select [WPS (PIN mode)], then press <SET>.
- Select [OK] and press <SET> to go to the next screen.



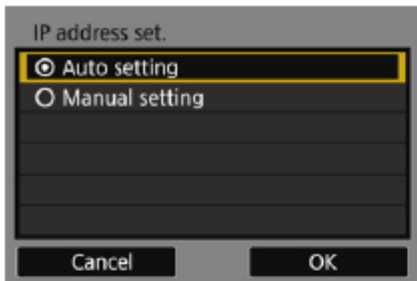
5 Specify the PIN code at the access point.

- At the access point, specify the 8-digit PIN code displayed on the camera's LCD monitor.
- For instructions on setting PIN codes at the access point, refer to the access point's instruction manual.
- After the PIN code is specified, select [OK] and press <SET>.



6 Connect to the access point.

- Select [OK] and press <SET> to establish a connection with the access point.
- ▶ When a connection with the access point is established, the next screen is displayed.



7 Select [Auto setting].

- Press the <▲> <▼> keys to select [Auto setting], then press <SET>.
- Select [OK] and press <SET>. The settings are saved and an image on the card is displayed.
- ▶ The camera's <(P)> lamp will light up in blue.
- If [Auto setting] results in an error or if you want to specify the settings manually, see page 160.



8 Select the images to send.

- Select and send the images. For information on how to send images, see page 121.

The settings for networking with Web services are now complete.

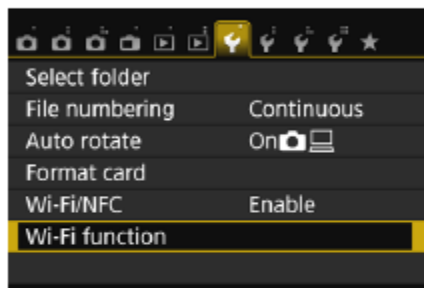


The IP address can only be set automatically in environments using DHCP servers, or access points or routers with DHCP server functionality, such that IP addresses and related settings are assigned and configured automatically.

Manual Connection by Searching Networks

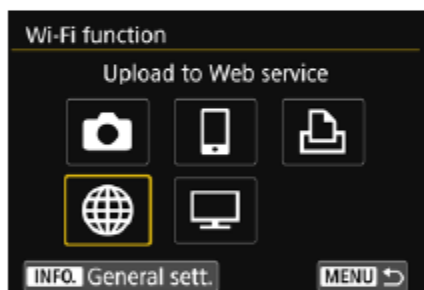
When **[Find network]** is selected, a list of active access points nearby is displayed, accompanied by information about them. Select the SSID (or ESS-ID) of the access point to connect to and establish a connection.

Selecting the Wireless Network



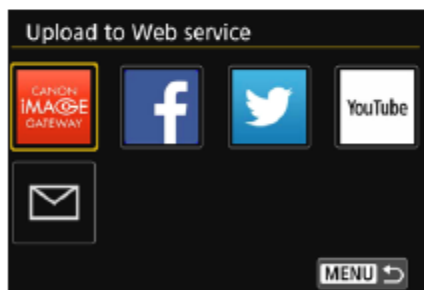
1 Select **[Wi-Fi function]**.

- Under the **[1]** tab, set **[Wi-Fi/NFC]** to **[Enable]**, then select **[Wi-Fi function]**.



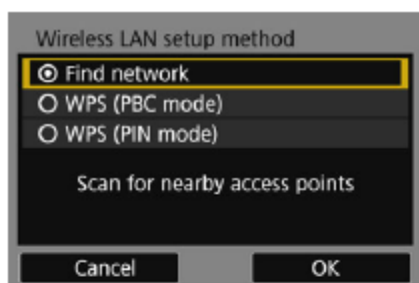
2 Select **[Globe icon]**.

- Select **[Globe icon]** (Upload to Web service) and press **<SET>**.



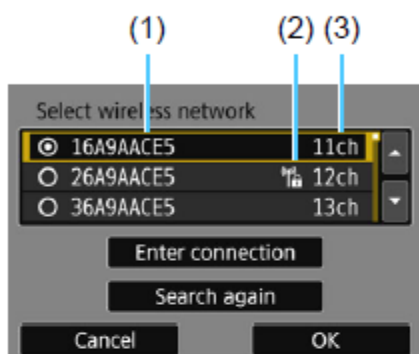
3 Select a **Web service**.

- Select a Web service to connect to, then press **<SET>**.
- The contents and ordering of the list of items displayed will vary depending on settings.
- The Web service to connect to can be changed later (p.126).
- ▶ The camera's **<(L)>** lamp will blink.
- ▶ When the **[Send to]** screen (p.125) is displayed, select a destination and go to step 4.



4 Select [Find network].

- Press the <▲> <▼> keys to select [Find network], then press <SET>.
- Select [OK] and press <SET> to go to the next screen.



5 Select an access point.

- Press <SET> to enable the selection of an access point.
- Press the <▲> <▼> keys to select an access point, then press <SET>.
- Select [OK] and press <SET> to go to the next screen (p.119).

- (1) First few characters of the SSID
 (2) An icon is displayed if the access point is encrypted
 (3) Channel used

Access Point Encryption

This camera supports the following options for [Authentication] and [Encryption settings]. Therefore, the encryption used by the access point must be one of the following.

- [Authentication]: Open system, Shared key, or WPA/WPA2-PSK
- [Encryption settings]: WEP, TKIP, or AES

[Enter connection] and [Search again]

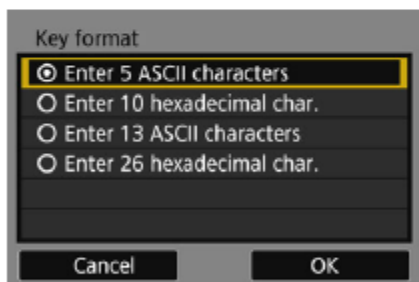
- To configure settings for the access point manually, select [Enter connection] and press <SET>. Enter the SSID using the virtual keyboard and then configure settings following the instructions displayed.
- To search for access points again, select [Search again] and press <SET>.

Entering the Wireless LAN Encryption Key

- Set the encryption key specified for the access point. For details on the specified encryption key, refer to the access point's instruction manual.
- The screens displayed in steps 6 to 8 below vary depending on the authentication and encryption specified for the access point.
- Go to step 9 when the [IP address set.] screen is displayed instead of the screens for steps 6 to 8.



- 6**
- The [Key index] screen is displayed only if WEP encryption is used by the access point.
 - Press the <▲> <▼> keys to select the key index number specified for the access point, then press <SET>.
 - Select [OK] and press <SET> to go to the next screen.

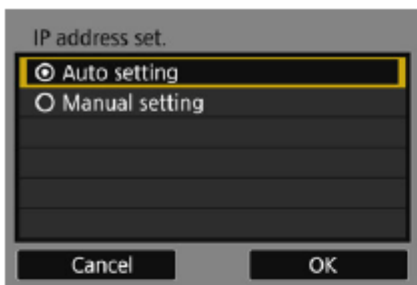


- 7**
- Press the <▲> <▼> keys to select the format and the number of characters used for the key, then press <SET>.
 - Select [OK] and press <SET> to go to the next screen.



- 8**
- Enter the encryption key using the virtual keyboard (p.22), then press the <MENU> button.
 - ▶ The [IP address set.] screen (p.120) will be displayed.

Setting the IP Address



9 Select [Auto setting].

- Press the <▲> <▼> keys to select [Auto setting], then press <SET>.
- Select [OK] and press <SET>. The settings are saved and an image on the card is displayed.
- ▶ The camera's <(P)> lamp will light up in blue.
- If [Auto setting] results in an error or if you want to specify the settings manually, see page 160.



10 Select the images to send.

- Select and send the images. For information on how to send images, see page 121.

The settings for networking with Web services are now complete.



The IP address can only be set automatically in environments using DHCP servers, or access points or routers with DHCP server functionality, such that IP addresses and related settings are assigned and configured automatically.

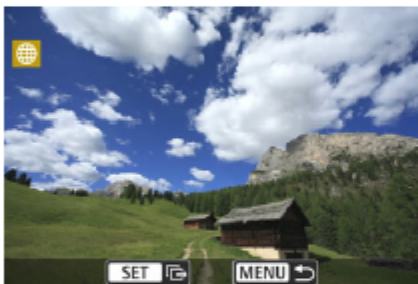
Sending Images to a Web Service

You can share movies and still photos you shot by sending them to a Web service registered on the camera such as CANON IMAGE GATEWAY.

Sent images are saved in an online album on CANON IMAGE GATEWAY and a link to the album is sent to each Web service. It is also possible to send images to Web services directly depending on the selected Web service and settings.

Sending Images Individually

Select and send images individually.



1 Select an image to send.

- Press the <◀> <▶> keys to select an image to send, then press <SET>.
- By pressing the <📷🔍> button, you can switch to the index display and select an image.



2 Select [Send img shown].

- To select a size at which to send the image, select [Resize image] and press <SET>.
- Press the <◀> <▶> keys to select [Send img shown], then press <SET>.
- ▶ The transfer progress screen is displayed.
- On the screen to complete the process for sending the image, select [OK] to terminate the connection and return to the screen to select a Web service.



- When the [Terms of use] screen is displayed, thoroughly read the message, then press the <▶> key to select [I Agree].
- The screen can be scrolled up and down by pressing the <▲> <▼> keys.

Sending Multiple Images

Select multiple images and send them at once.

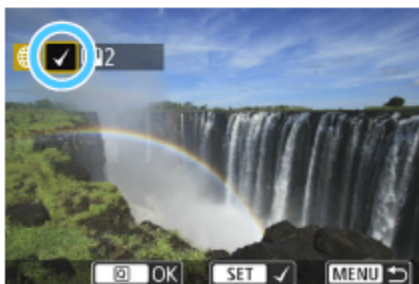


1 Press <SET>.



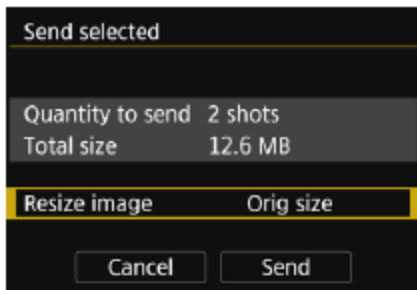
2 Select [Send selected].

- To select a size at which to send the images, select [Resize image] and press <SET>.
- Press the <◀> <▶> keys to select [Send selected], then press <SET>.



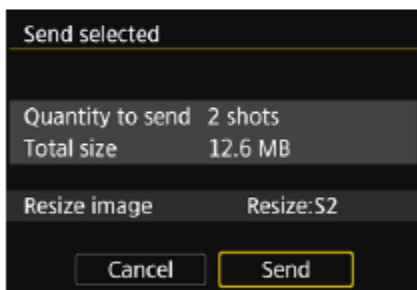
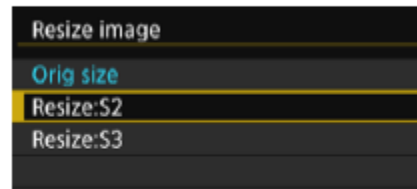
3 Select the images to send.

- Press the <◀> <▶> keys to select an image to send, then add [✓]. Press <SET> to add or remove [✓].
- By pressing the <🔍> button, you can switch to the three-image display and select an image.
- After selecting the images to send, press the <Q> button.



4 Reduce the image size.

- Set it if necessary.
- When YouTube is selected as the destination, **[Resize image]** is not displayed.
- On the next screen, press the <▲> <▼> keys to select an image size, then press <SET>.



5 Send the images.

- Press the <▲> <▼> keys to select **[Send]**, then press <SET>.
- ▶ The transfer progress screen is displayed.
- On the screen to complete the process for sending the image, select **[OK]** to terminate the connection and return to the screen to select a Web service.
- When the **[Terms of use]** screen is displayed, thoroughly read the message, then press the <▶> key to select **[I Agree]**.
- The screen can be scrolled up and down by pressing the <▲> <▼> keys.





- While connected, a picture cannot be taken even if the camera's shutter button is pressed.
- RAW images cannot be sent.
- A send error message may not be displayed in the following cases, even when sending fails due to there being no free space on the Web server that the image was sent to:
 - When the image was sent at a reduced size
 - When the image was sent directly to a Web service other than CANON IMAGE GATEWAY

You can check server processing errors on the CANON IMAGE GATEWAY site. Check the error content, then try sending the image again.

- When sending a large number of images or large files (total size), make sure that the battery is adequately charged so it does not run out during the process.

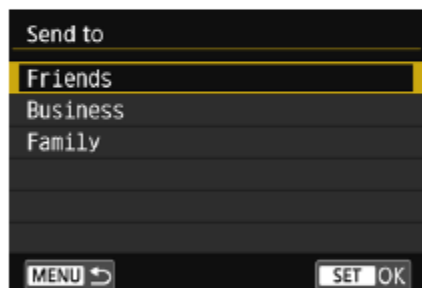


- Web services may limit the number of images or length of movies you can send.
- You can select up to 50 files at a time. Also, you can select and send up to 10 files at a time to YouTube.
- When you reduce the image size, all images to be sent at the same time are resized except for movies and for images that are already smaller than the selected image size.
- **[Resize:S2]** and **[Resize:S3]** are enabled only for still photos shot with the EOS REBEL T6i/EOS 750D. Images shot with other cameras are sent without resizing.
- When accessing CANON IMAGE GATEWAY from a computer or other device, you can check the upload history for the Web services that the images were sent to.
- To terminate the connection without sending an image, press the <MENU> button on the screen for step 1.
- The file size (total size) is based on the file sizes before resizing the images.
- The camera's <(P)> lamp will blink rapidly when data is being sent.

Selecting a Destination

You can send images stored in the camera or links to posted images to registered destinations.

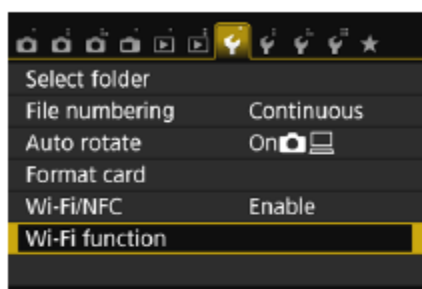
To register Email destinations and settings for sending Emails, you must use a computer. For more information, refer to the EOS Utility Instruction Manual (PDF).



- When [✉] (Email) is selected on the [Upload to Web service] screen, the [Send to] screen is displayed.
- Select the destination from the list of registered destinations and press <SET>.
- The procedure for sending images is the same as the procedure for sending images to other Web services.

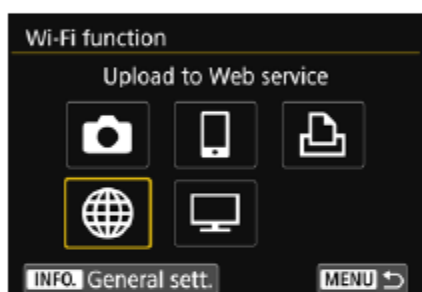
Reconnecting

The camera can reconnect to a Web service for which connection settings have been registered. The connection to the access point only has to be established once. You do not need to establish a new connection for each Web service.



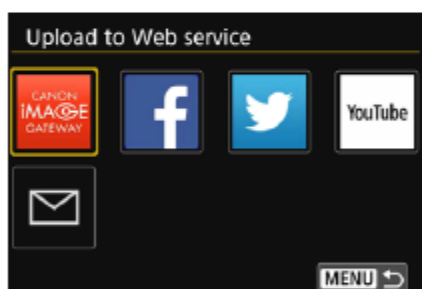
1 Select [Wi-Fi function].

- Under the [**1**] tab, set [Wi-Fi/NFC] to [Enable], then select [Wi-Fi function].



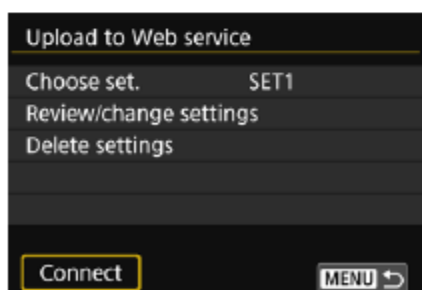
2 Select [Globe icon].

- Select [Globe icon] (Upload to Web service) and press <SET>.



3 Select a Web service.

- Select a Web service and press <SET>.
- When the [Send to] screen (p.125) is displayed, select a destination and go to step 4.

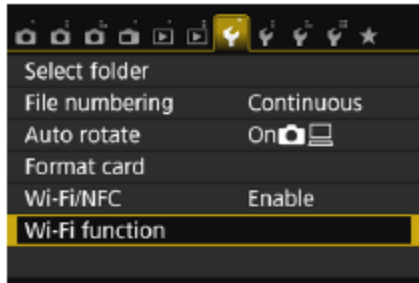


4 Establish a connection.

- Select [Connect] and press <SET>.
 - On the confirmation dialog, select [OK].
 - The camera will reconnect to the Web service.
- When settings for multiple connection destinations are registered, select [Choose set.], select the connection destination, then connect to the destination.

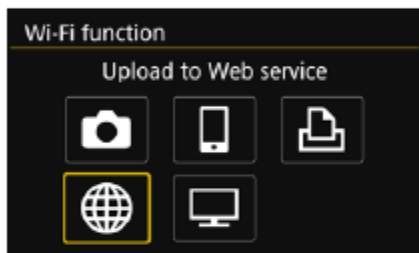
Registering Multiple Connection Settings

You can register up to three Web service connection settings.



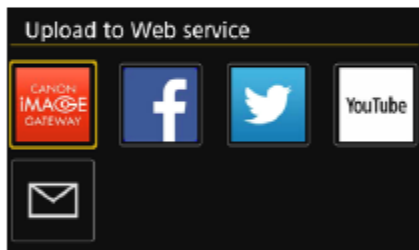
1 Select [Wi-Fi function].

- Under the [1] tab, set [Wi-Fi/NFC] to [Enable], then select [Wi-Fi function].



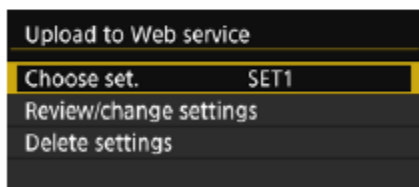
2 Select [Globe icon].

- Select [Globe icon] (Upload to Web service) and press <SET>.



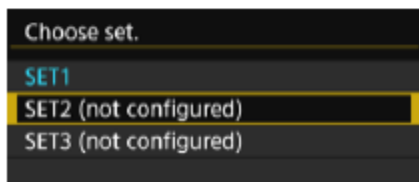
3 Select a Web service.

- Select a Web service and press <SET>.
- When the [Send to] screen (p.125) is displayed, select a destination and go to step 4.



4 Select [Choose set.].

- Select [Choose set.] and press <SET>.



5 Select [SET* (not configured)].

- Select [SET* (not configured)] and press <SET>.
- The connection settings screen is displayed. Follow the procedures displayed to complete the connection settings.