Panasonic

Digital Camera
Model No.   DMC-LF1

VQC9559

Wi-Fi®connection guide
Connecting by Wi-Fi lets you use your camera in many new ways!

Internet

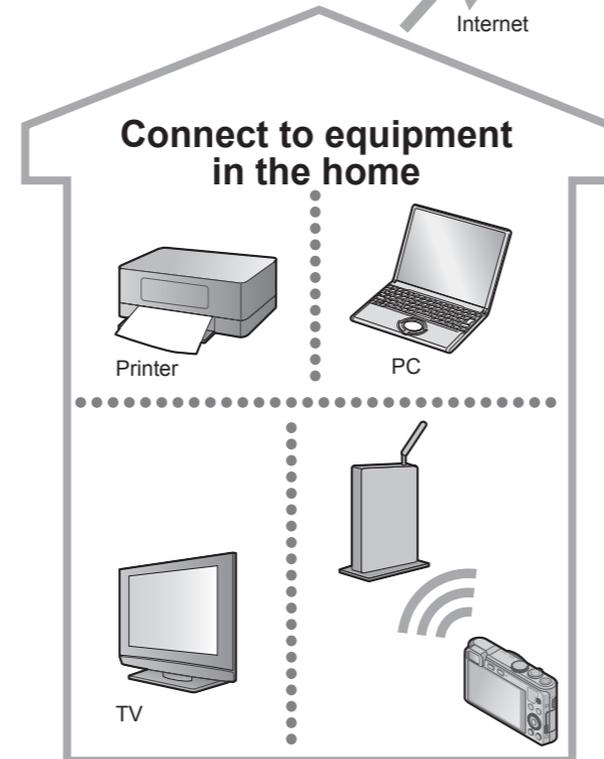### Connect to a smartphone

🔖 **Operate the camera remotely**

Connect to equipment in the home

Printer

PC

TV

🔖 **Send recorded pictures to a smartphone**
• Easy to upload pictures to a WEB service by linking to a smartphone.

📦 **View pictures on TV**

📦 **Print wirelessly**

📦 **Send pictures to PC for backup and editing***

📦 **Post to a WEB service***

* You can send recorded pictures automatically, or select pictures to send from your camera.

How do I do it?

See the back of this guide.

For details, please read "Operating Instructions for advanced features" on the CD-ROM (supplied).

More about Wi-Fi [Q&A]

Question	Answer
What smartphones support Wi-Fi connections with the camera?	Android and iOS smartphones support Wi-Fi connections with the camera. Compatible OS: Android 2.2 - Android 4.2 iOS 4.3 - iOS 6.1
Do I need a special app to use Wi-Fi connections?	Your smartphone will need the "Panasonic Image App" to perform the various operations on the camera.
I would like to establish a Wi-Fi connection with my tablet.	You can establish a Wi-Fi connection with a tablet the same way you do with a smartphone. Compatible OS's and other details are the same as with smartphones.
I would like to upload recorded pictures to a social networking service right after taking them. How can I do that?	We recommend sending the pictures to your smartphone and uploading them from the smartphone.
Are there any communication fees?	If you are only sending pictures directly from the camera to your smartphone, there are no communication fees. However, transferring pictures or downloading apps over mobile networks may incur high packet communication fees, depending on the details of your contract.
How do I connect to a PC?	You can connect to a PC through a wireless access point (wireless LAN router, etc.) in the home.*
Can the camera connect to a Wi-Fi hotspot in a station or a shop?	The camera cannot connect to public wireless LAN services (so-called Wi-Fi hotspots).
How do I secure my wireless network?	The camera uses WPA and WPA2 security.

* For details, please read "Operating Instructions for advanced features" on the CD-ROM (supplied).

Guide to support site
Find the latest information at our support site.
http://panasonic.jp/support/global/cs/dsc/ (This site is available in English only.)

● The illustrations and screens in this guide may differ from the actual product.

Try using the camera connected to a smartphone

1 Install the special app on your smartphone

Your smartphone will need the "Panasonic Image App" to operate the camera.
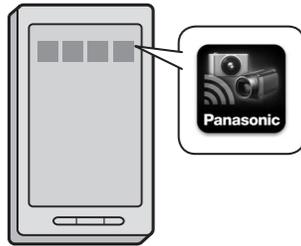(The app is referred to as the "Image App" in this guide.)

■ **Compatible OS**
Android 2.2 - Android 4.2
iOS 4.3 - iOS 6.1

1 **Connect the smartphone to a network**

2 **Android** **Select "Google Play™ Store"**
iOS **Select "App Store℠"**

3 **Enter "Panasonic Image App" in the search field**

4 **Select "Panasonic Image App" and install**

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- Use the latest version.
- The app may not operate properly on some smartphones.
  For information on the "Image App", refer to the support site below.
  http://panasonic.jp/support/global/cs/dsc/ (This site is available in English only.)

2 Connect to a smartphone [NFC]

Use the NFC function to easily complete connecting. You simply need to hold the smartphone close to the camera. This function can be used with NFC compatible smartphones with Android (2.3.3 or above). (Excludes certain models)
- If using an iOS smartphone, etc., see "Connecting to a smartphone manually" on the right.

1 **Start "Image App" on the smartphone**

2 **With [⬚] displayed on the "Image App" connection screen, hold the smartphone close to the camera**

Hold the smartphone close to this area
(within about 5 mm (0.20 inch))
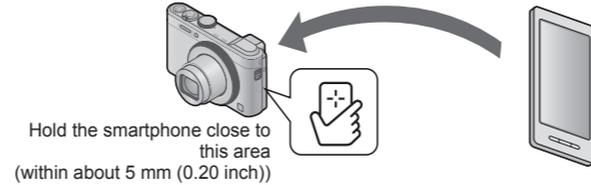
- When connecting for the first time, continue on to **3** and **4**.

3 **When the connection screen is displayed, press ◄► to select [Yes] and press [MENU/SET]**

4 **Hold the smartphone close to the camera again**
- When the connection is complete, live images captured by the camera will be displayed on your smartphone.

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- You can still connect to the smartphone even if the camera is turned off. The camera lens may come out when the power is turned on after making a connection. Be careful that the vibration does not cause the camera to drop.
- When the smartphone is used to operate the camera to play back one picture, the connection is in picture transferring mode. (→See "Easily transferring pictures in the camera", on the right)
- Be careful not to hit the smartphone hard against the camera when holding it close. This could damage the smartphone and/or camera.
- Contact the manufacturer of the NFC compatible smartphone for instructions on using this function.

3 Use the smartphone to operate the camera
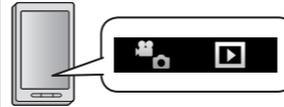
Recording

On the "Image App" screen, select [📷]
You can perform operations like zoom and pressing the shutter as if using a remote control.

Viewing pictures and saving to smartphone

On the "Image App" screen, select [▶]
To save a picture to your smartphone, touch and hold the picture and drag it in the direction from which a message appears.

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- For details, read the [Help] in the "Image App".
- The screen may differ partially depending on the OS you are using.

Easily transferring pictures in the camera [NFC]

You can establish a Wi-Fi connection using the NFC function and easily transfer the picture on display (just one picture) simply by holding the smartphone close to the camera. This is convenient in cases such as when you wish to give a recorded picture to a friend right after you took it. To use this function, you must have an NFC compatible smartphone with the "Image App" installed.

Preparation • If the camera is already connected to a different smartphone, first cancel that connection. (→See "Closing the connection", on the right)

1 **On the camera, play back the picture you wish to transfer**

2 **Start "Image App" on the smartphone**

3 **With [⬚] displayed on the "Image App" connection screen, hold the smartphone close to the camera**
- The picture being played back is transferred to the smartphone.

Connecting to a smartphone manually

This is how to connect the camera to non-NFC-compatible equipment such as iOS smartphones.

Operation by camera

1 **Press and hold the [Wi-Fi] button**
- The Wi-Fi connection lamp illuminates blue, and the information needed for the connection is displayed.

Wi-Fi® connection lamp

(Display example)
SSID: XXXXXXXXX
Password: 12345abc
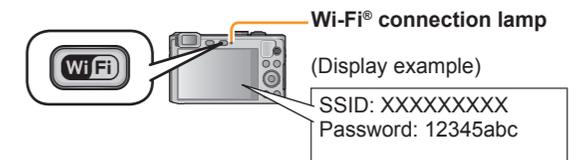
Operation by smartphone

If using an iOS smartphone, the settings screen will be displayed when the home screen settings icon is selected.
- Operations, etc., will vary depending on the OS you are using.

2 **Turn the Wi-Fi function on**

3 **On the Wi-Fi settings screen, select the item with the same SSID displayed on the camera and enter the password**

ABCD0123......
✓ XXXXXXXXXX....
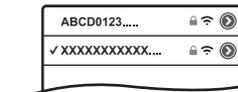
4 **Start the "Image App"**
- The image captured by the camera will be displayed on your smartphone.

Closing the connection

After use, close the connection with the smartphone. When the connection is cancelled, you will be able to record and play back pictures on the camera as normal.

Press [Q.MENU/↰] button on the camera and select [Yes] on the confirmation screen

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- To close the app on an Android smartphone, press the back button twice on the "Image App" screen.