

LUMIX GH5 II

LIVE STREAMING SETTINGS GUIDE



Live streaming preparation/settings



Pairing your camera and smartphone

1



Live streaming settings using a smartphone

2

~

8



Live streaming settings using a PC and SD memory card

9

~

12

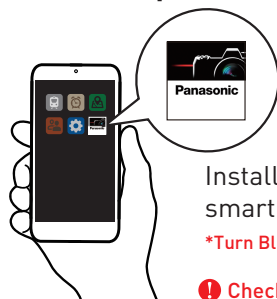
[1] Preparation when using a smartphone

■ GH5II



❗ Check the remaining battery level of your camera!

■ Smartphone



Install the "LUMIX Sync" smartphone app

*Turn Bluetooth ON.

❗ Check the remaining battery level and connection status of your smartphone!

- Supported OS (as of September 2021) Android™: 7.0 or later (The Bluetooth® function requires your device to use Android 5.0 or later and Bluetooth 4.0 or later. Excluding some models that are not compatible with Bluetooth Low Energy.), iOS: 12 or later.
- Android is a trademark or registered trademark of Google Inc.
- App Store is a service mark of Apple Inc.

Check FAQs

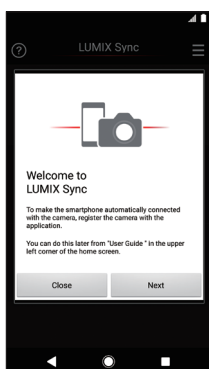
Frequently asked questions from customers are introduced at the LUMIX Customer Support page.

https://panasonic.jp/support/global/cs/dsc/faq/dc_gh5m2/index.html

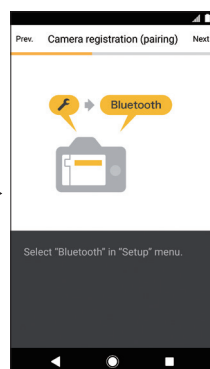
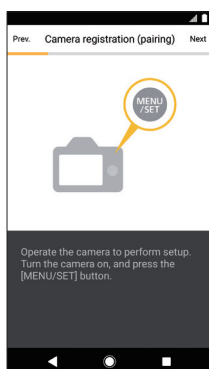


[2] Connect your camera and smartphone

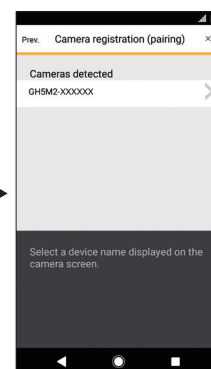
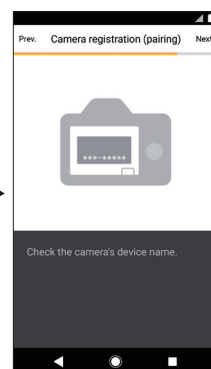
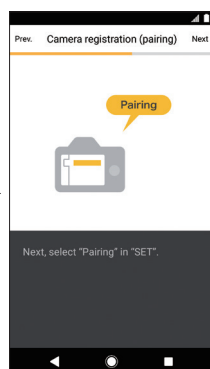
Pair the "LUMIX Sync" smartphone app with your camera in advance with Bluetooth.



[Initial screen after installing the "LUMIX Sync" smartphone app]



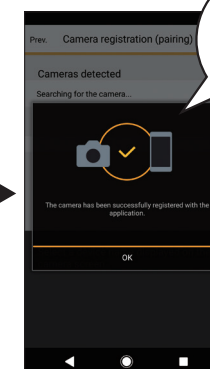
[Set the connection of the camera and smartphone with Bluetooth]



[Select the camera]



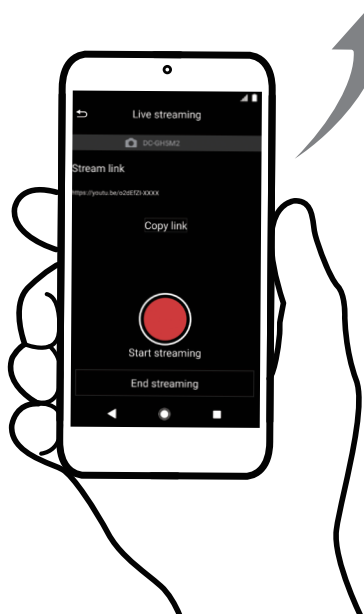
[Pairing may take a few minutes]



Pairing completed



LUMIX Sync



THREE WAYS to live stream using the “LUMIX Sync” smartphone app

[1] Streaming with RTMP/RTMPS

Setting method for live streaming using stream URL and stream key.
In addition to YouTube and Facebook, it is possible to configure settings with various social streaming platforms that are compatible with RTMP/RTMPS.

**When you wish to schedule a post or if you have less than 1,000 subscribers on YouTube, connect with RTMP/RTMPS.*

Check

3 ~ 4

[2] Streaming with YouTube LIVE

This is a setting method to easily conduct live streaming by logging into your YouTube account so that you can omit inputs such as stream key.

Caution Due to YouTube's Terms of Service, this setting is only possible if you have over 1,000 subscribers.

Check

5 ~ 6

[3] Streaming with Facebook LIVE

This is a setting method to easily conduct live streaming by logging into your Facebook account so that you can omit inputs such as stream key.

Check

7 ~ 8

•Live streaming to the platforms that comply with RTMP/RTMPS is basically possible (Compatibility with all the platforms is not guaranteed.) There may be the cases where the live streaming is not possible when the service of the platform changes. For more information, please refer to the terms and conditions of the platform.

•YouTube® and the “YouTube logo” are registered trademarks of Google Inc. •Facebook® is a registered trademark of Facebook, Inc

3

LIVE STREAMING SETTING 1

LIVE STREAMING WITH A SMARTPHONE



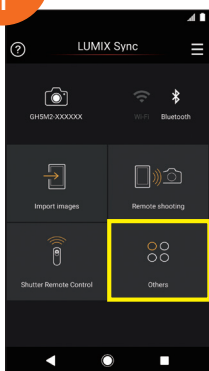
[1] Streaming with RTMP/RTMPS

This is a setting method for live streaming using platforms compatible with RTMP/RTMPS such as YouTube.

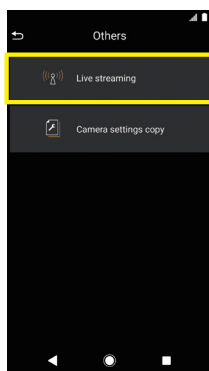
•YouTube™ and the “YouTube logo” are registered trademarks of Google Inc.
*Here we will be explaining using a streaming setting using YouTube Studio as an example. *When you wish to schedule a post or if you have less than 1,000 subscribers on YouTube, connect with RTMP/RTMPS.

STEP
1

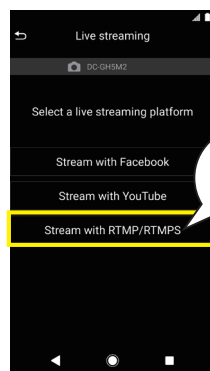
Launch LUMIX Sync and start settings



[Select “Others”]



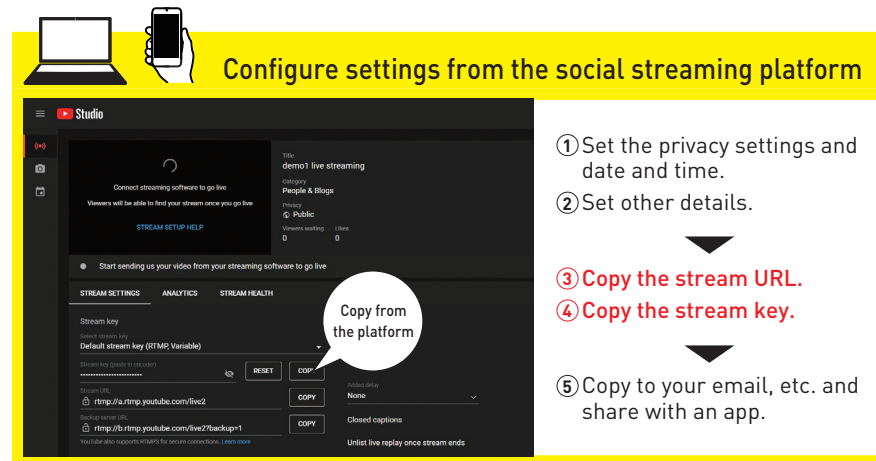
[Select
“Live streaming”]



[Select “Stream with
RTMP/RTMPS”]

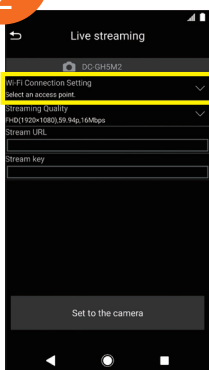
RTMP
RTMPS

STEP 2

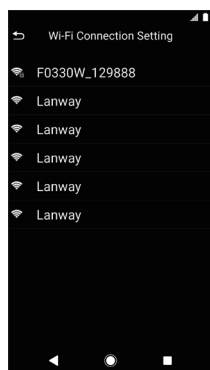


STEP
2

Wi-Fi settings

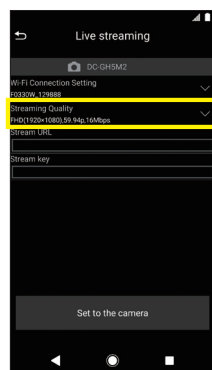


[Configure Wi-Fi
connection settings]

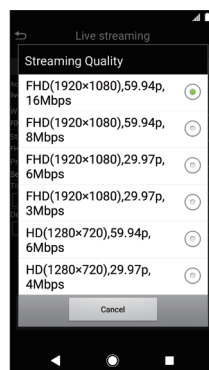


[Select a wireless
access point]

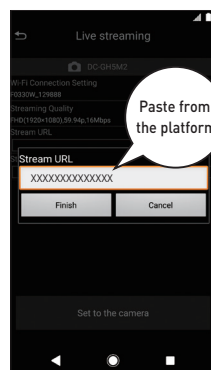
Image quality settings



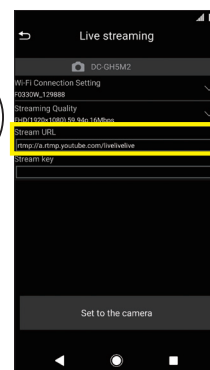
[Set the streaming quality]



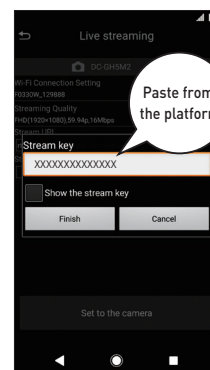
Stream URL settings



[Obtain a stream URL from the social
streaming platform and configure settings]



Stream key settings



[Obtain a stream key from the social
streaming platform and configure settings]

STEP 3
NEXT PAGE

! If a list of smartphones that you wish to connect is not displayed, turn the tethering function “OFF/ON” again.

! Confirm the upstream speed of the network that you are using before streaming and select the streaming quality.

*When streaming using a smartphone network, a tethering service contract for your carrier is required.



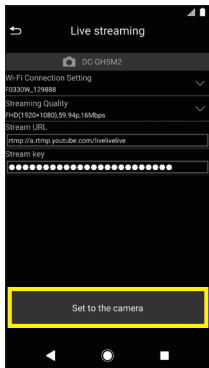
[1] Streaming with RTMP/RTMPS

This is a setting method for live streaming using platforms compatible with RTMP/RTMPS such as YouTube.

•YouTube and the "YouTube logo" are registered trademarks of Google Inc.
*Here we will be explaining using a streaming setting using YouTube Studio as an example. *When you wish to schedule a post or if you have less than 1,000 subscribers on YouTube, connect with RTMP/RTMPS.

STEP
3

Set from LUMIX Sync to a camera

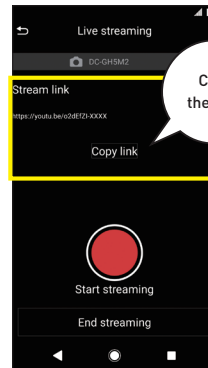
Creative Video
ModeStreaming
function ON

[Set to the camera]

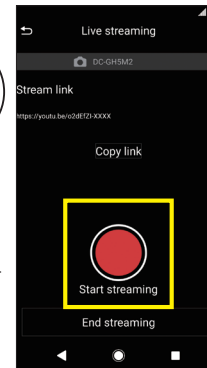


[Turn the camera's streaming function ON]

Spread the URL and start streaming



[Copy the stream URL]



[Start live streaming]

Announce the URL
with social media,
email, etc.

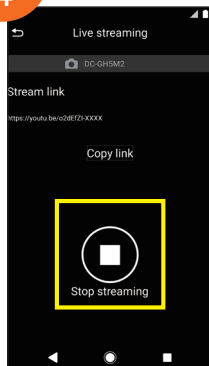


STEP 4

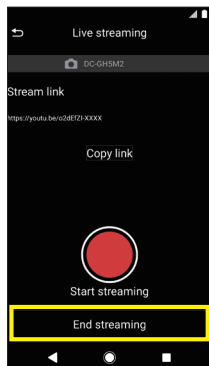
[Blue frame indicator during live streaming]

STEP
4

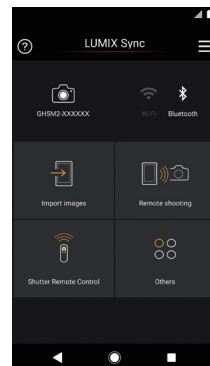
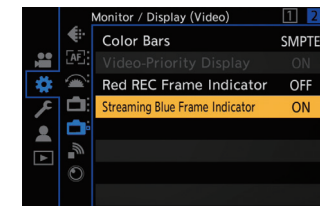
Stopping and ending streaming



[Stop live streaming]



[End live streaming]

[Return to
the top screen]

*The blue frame indicator can be switched ON/OFF.



[2] Streaming with YouTube LIVE

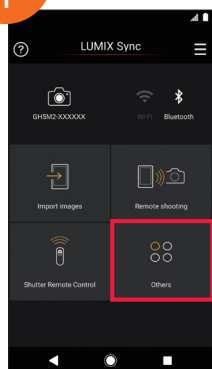


•YouTube™ and the “YouTube logo” are registered trademarks of Google Inc. *Connect with RTMP/RTMPS if you have less than 1,000 subscribers on YouTube.

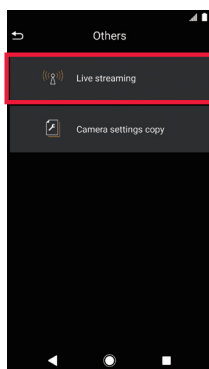
How to set live streaming using your account and YouTube Studio if you are a YouTube user with **over 1,000** subscribers.

STEP
1

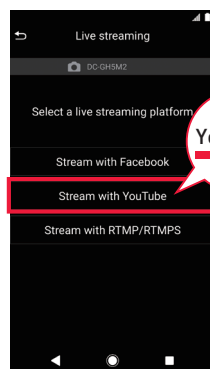
Launch LUMIX Sync and start settings



[Select “Others”]



[Select
“Live streaming”]

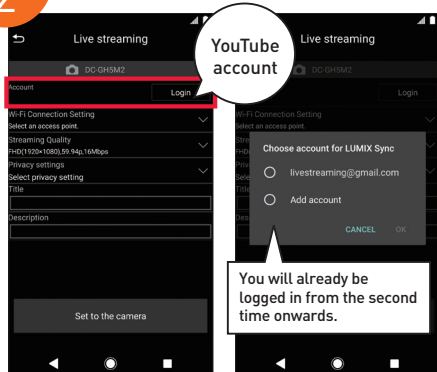


[Select “Stream
with YouTube”]

STEP 2

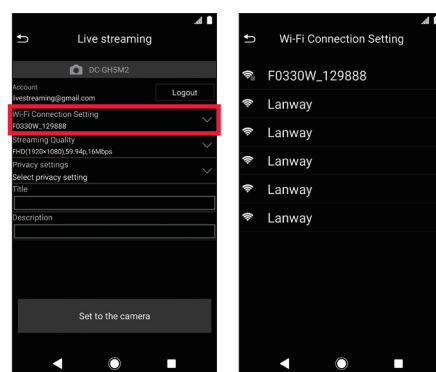
STEP
2

YouTube account settings



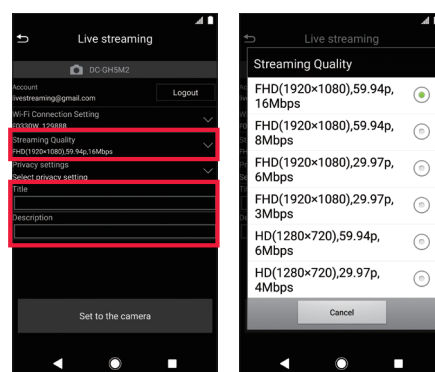
[Login to your YouTube account]

Wi-Fi settings



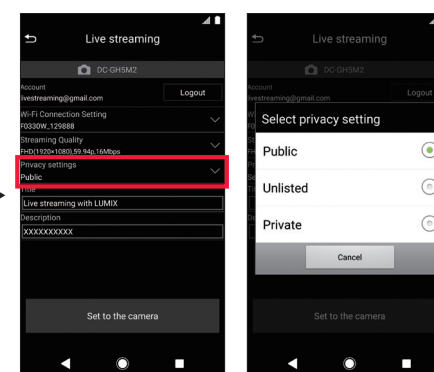
[Select a wireless access point]

Image quality, title and description



[Set the streaming quality, title and description]

Privacy settings



[Set the range to release the stream]

STEP 3
NEXT PAGE

! If a list of smartphones that you wish to connect is not displayed, turn the tethering function “OFF/ON” again.

! Confirm the upstream speed of the network that you are using before streaming and select the streaming quality.

*When streaming using a smartphone network, a tethering service contract for your carrier is required.



[2] Streaming with YouTube LIVE



•YouTube™ and the “YouTube logo” are registered trademarks of Google Inc. *Connect with RTMP/RTMPS if you have less than 1,000 subscribers on YouTube.

How to set live streaming using your account and YouTube Studio if you are a YouTube user with **over 1,000** subscribers.

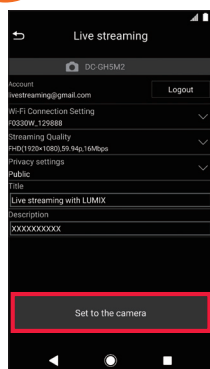
STEP 3

Set from LUMIX Sync to a camera



Creative Video Mode

Streaming function ON

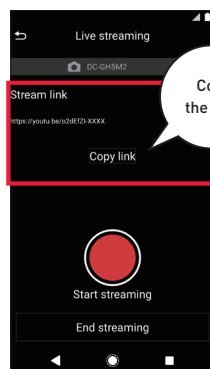


[Set to the camera]

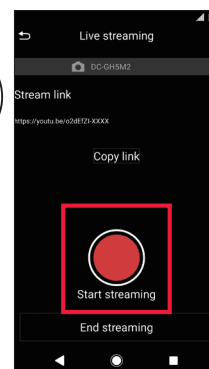


[Turn the camera's streaming function ON]

Spread the URL and start streaming



[Copy the stream URL]

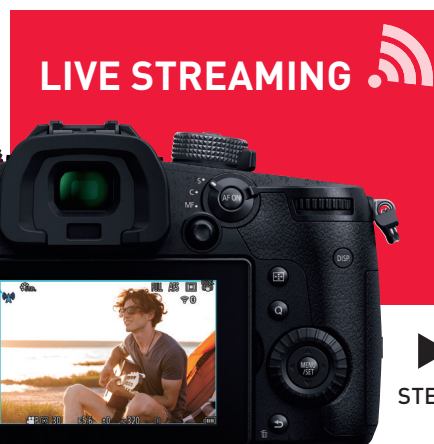


[Start live streaming]



LIVE STREAMING

[Blue frame indicator during live streaming]

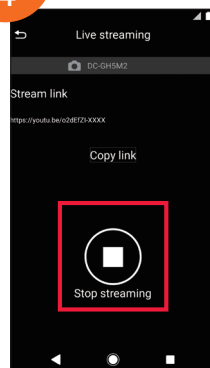


STEP 4

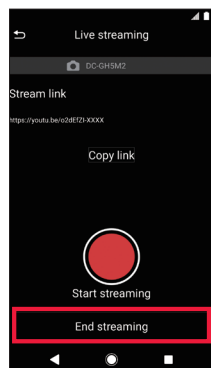
Announce the URL with social media, email, etc.

STEP 4

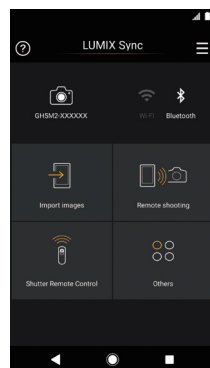
Stopping and ending streaming



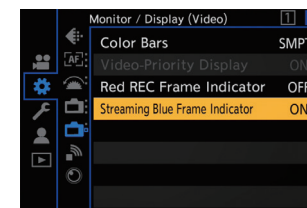
[Stop live streaming]



[End live streaming]



[Return to the top screen]



*The blue frame indicator can be switched ON/OFF.



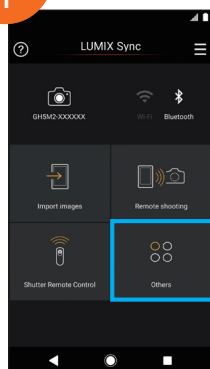
[3] Streaming with Facebook LIVE



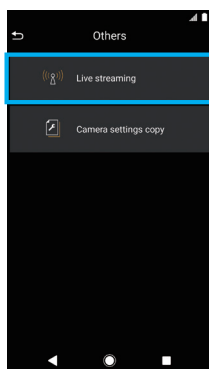
Setting method for live streaming using your Facebook account and Facebook LIVE.

STEP
1

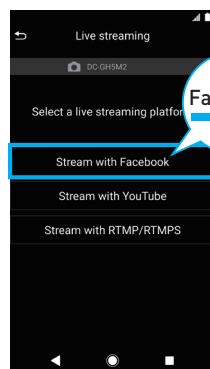
Launch LUMIX Sync and start settings



[Select "Others"]



[Select
"Live streaming"]

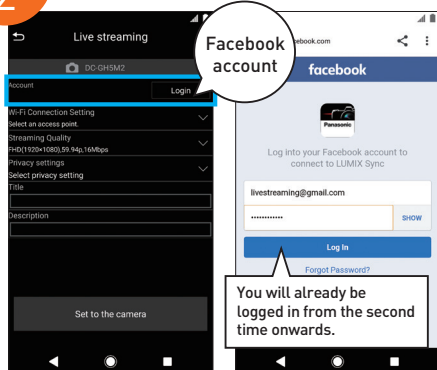


[Select "Stream
with Facebook"]

STEP 2

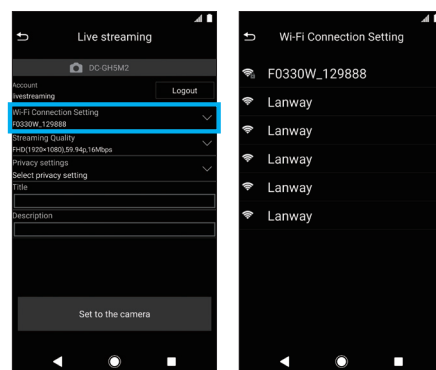
STEP
2

Facebook account settings



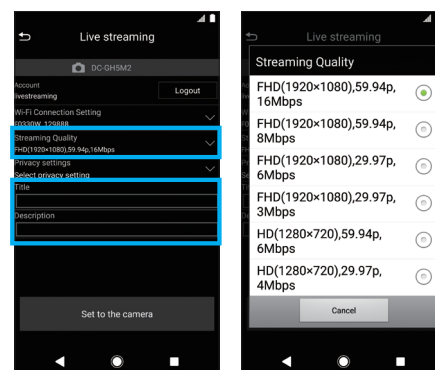
[Login to your Facebook account]

Wi-Fi settings



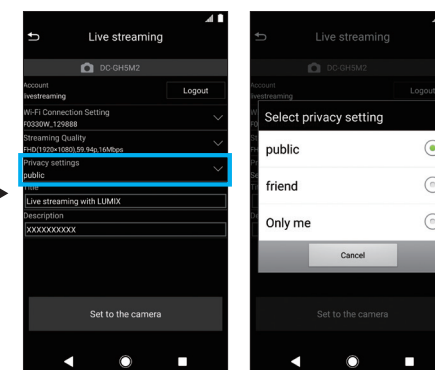
[Select a wireless access point]

Image quality, title and description



[Set the streaming quality, title and description]

Privacy settings



[Set the range to release the stream]

STEP 3
NEXT PAGE

! If a list of smartphones that you wish to connect is not displayed, turn the tethering function "OFF/ON" again.

! Confirm the upstream speed of the network that you are using before streaming and select the streaming quality.

*When streaming using a smartphone network, a tethering service contract for your carrier is required.



[3] Streaming with Facebook LIVE

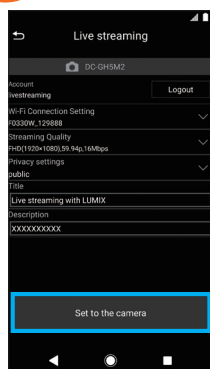


•Facebook™ is a registered trademark of Facebook, Inc.

Setting method for live streaming using your Facebook account and Facebook LIVE.

STEP
3

Set from LUMIX Sync to a camera

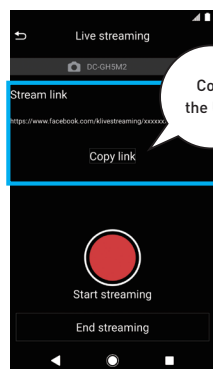


[Set to the camera]

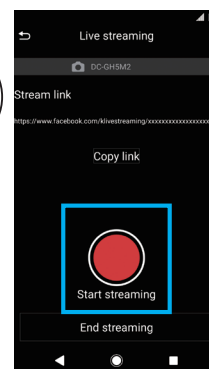


[Turn the camera's streaming function ON]

Spread the URL and start streaming



[Copy the stream URL]



[Start live streaming]



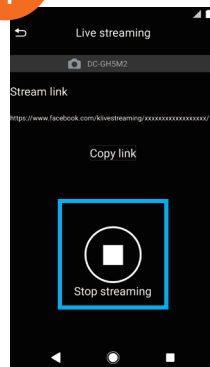
STEP 4

[Blue frame indicator during live streaming]

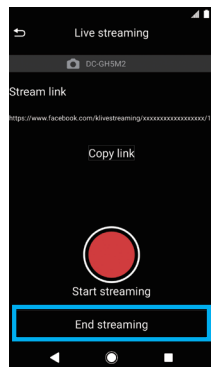
Announce the URL
with social media,
email, etc.

STEP
4

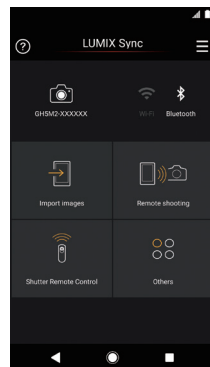
Stopping and ending streaming



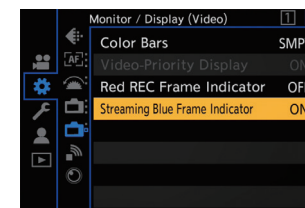
[Stop live streaming]



[End live streaming]



[Return to
the top screen]



*The blue frame indicator can be switched ON/OFF.



Live streaming by operating the camera

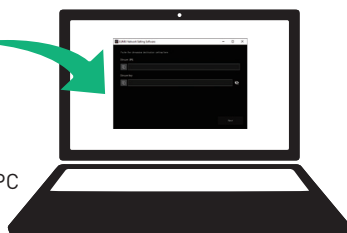
Set the streaming destination with your PC and save onto an SD memory card.
Insert the card into your camera and start live streaming by loading the streaming settings onto your camera.

STEP
1

Install the LUMIX Network Setting Software onto your PC



Download the software
and install it onto your PC



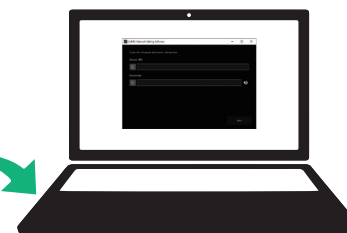
[Prepare your PC]

PC software
[LUMIX Network Setting Software]

Download site
<https://av.jpn.support.panasonic.com/support/global/cs/dsc/download/index3.html>

Supported OS (as of September 2021)
Windows: Windows 10
Mac: macOS 10.13, 10.14, 10.15.3-10.15.7, 11.0-11.2

Insert an SD card into your PC

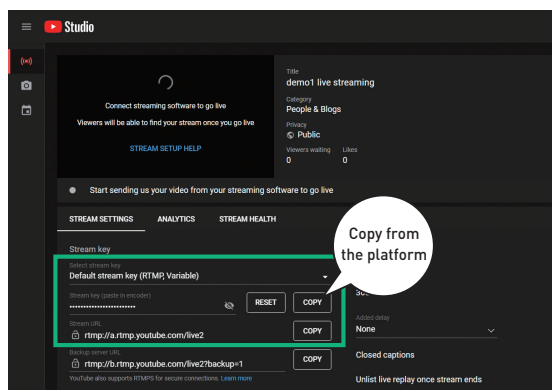


STEP 2

*Please use an SD memory card with free space.
*If your PC does not have an SD memory card slot, use an SD card reader.

STEP
2

Obtain the streaming content settings from the platform



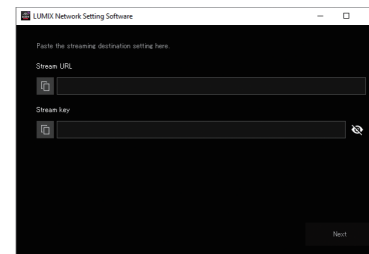
! Obtain the URL
from the platform

■ Login to your account.

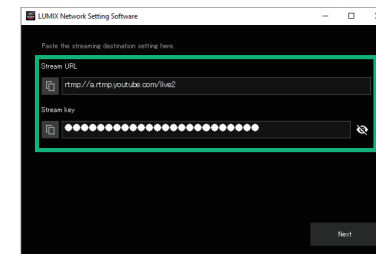
[Configure settings from
the social streaming platform]
Set the privacy settings and date and time.
Set other details.

★ Copy the stream URL
★ Copy the stream key

Input to the LUMIX Network Setting Software



[Launch the LUMIX Network
Setting Software]



[Paste the stream URL and
stream key that you copied]

STEP 3
NEXT PAGE

*Here we will be explaining using the YouTube LIVE (YouTube Studio) settings as an example.



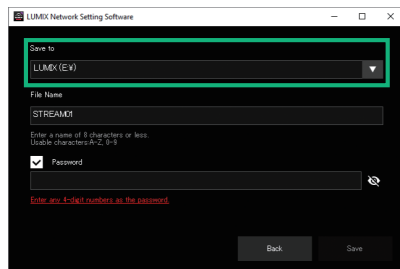
Live streaming by operating the camera

Set the streaming destination with your PC and save onto an SD memory card.

Insert the card into your camera and start live streaming by loading the streaming settings onto your camera.

STEP
3

Export from the LUMIX Network Setting Software to the SD card



[Settings file]
[STREAM01.STM]



[Save to
the SD memory card]

[Export the streaming destination onto the SD memory card]

- Characters that can be set in "File Name": Alphabet (uppercase), numbers, up to 8 characters.
- To prevent usage from a third party, you can secure the streaming destination with a password.
 - Put a check mark in "Password".
 - When you set a password, password input will be required when loading the streaming destination.
 - You can enter any 4-digit numbers as the password.



Insert the SD card into your camera and start settings

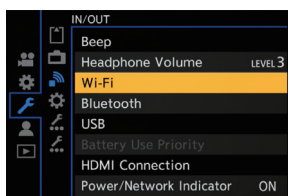
■ GH5II



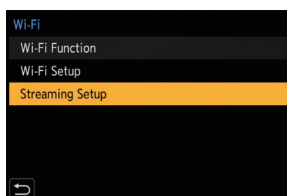
STEP 4

STEP
4

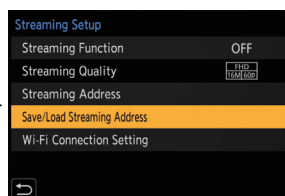
Load the streaming destination inside the SD card to your camera



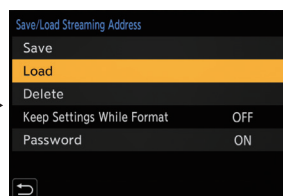
Select
[→ Wi-Fi]
in the camera menu



[Select "Streaming Setup"]

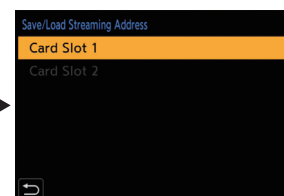


[Select "Save/Load
Streaming Address"]

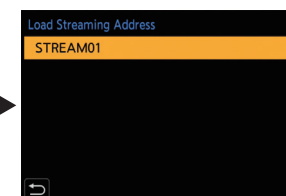


[Select "Load"]

*When a password is set,
enter the password to load.



[Select card slot]



[Load the streaming destination]
[STREAM01.STM]

STEP 5
NEXT PAGE

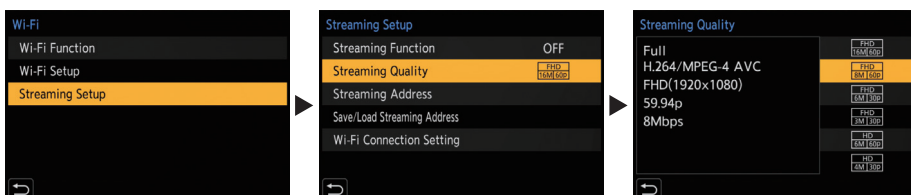


Live streaming by operating the camera

Set the streaming destination with your PC and save onto an SD memory card.
Insert the card into your camera and start live streaming by loading the streaming settings onto your camera.

STEP
5

Set the image quality

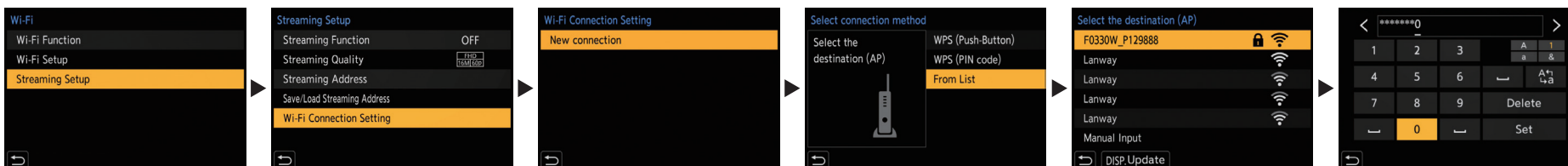


STEP 6

Select [→ → Wi-Fi → Streaming Setup → Streaming Quality] in the camera menu

STEP
6

Set the wireless access point



Select [→ → Wi-Fi → Streaming Setup → Wi-Fi Connection Setting → New Connection] [Select an access point (Wi-Fi), enter the password (encryption key) and connect wirelessly]

STEP 7
NEXT PAGE

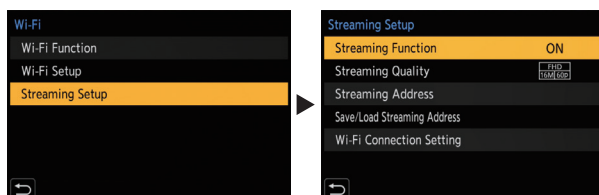


Live streaming by operating the camera

Set the streaming destination with your PC and save onto an SD memory card.
Insert the card into your camera and start live streaming by loading the streaming settings onto your camera.

STEP
7

Set the streaming function ON



Select [→ Wi-Fi → Streaming Setup → Streaming Function → ON]



[Turn the camera's streaming function ON]

Start streaming



[Press the shutter button or video rec button and start live streaming]



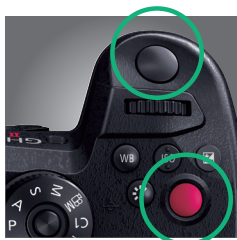
STEP 8

[Blue frame indicator during live streaming]

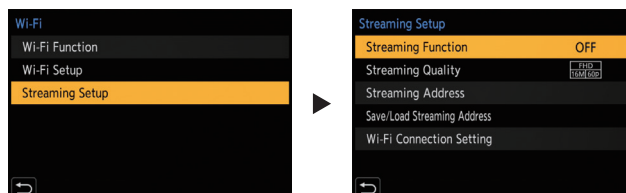
*The blue frame indicator can be switched ON/OFF.

STEP
8

Stopping and ending streaming



[Press the shutter button or video rec button and stop live streaming]

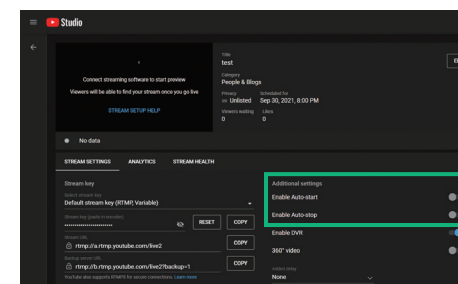


[→ Wi-Fi → Streaming Setup → Streaming Function → Select OFF to end live streaming]



Try using the schedule stream!

*Here we will be explaining using the YouTube LIVE (YouTube Studio) settings on your PC as an example.



Auto-start settings

When enabled, you can automatically start streaming by starting it with your camera or LUMIX Sync. When disabled, the streaming will not start automatically with your camera or LUMIX Sync, and you must press the stream start button on the PC.

*With Facebook, press the streaming button on your PC and start.