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Remote
Camera
ToolRemote Camera Tool

* The information contained in this document is for the combination of ILCE-9M2 firmware Ver.2.0 and Remote Camera Tool 2.3.00 only.

Remote Remote Camera Tool Setup Guide for ILCE-9M2

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Camera Tool List of Network Environment Topologies

	#1 Camera⇔PC Direct Connection	#2 Multiple Cameras⇔Network Hub⇔PC Connection	#3 Multiple Cameras⇔Network Router⇔PC Connection
Schematic diagram			
Image save destination	PC	PC/FTP Server	PC/FTP Server
IP address	Static / Auto	Static / Auto	Static / DHCP
Transfer method	Wired LAN	Wired LAN	Wired LAN
Transfer while shooting	Yes	Yes	Yes
Transfer file format	RAW/JPEG	RAW/JPEG	RAW/JPEG

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Camera Tool Step by Step Guide #1: Camera⇔PC Direct Connection

	#1 Camera⇔PC Direct Connection	#2 Multiple Cameras⇔Network Hub⇔PC Connection	#3 Multiple Cameras⇔Network Router⇔PC Connection
Schematic diagram			
Image save destination	PC	PC/FTP Server	PC/FTP Server
IP address	Static / Auto	Static / Auto	Static / DHCP
Transfer method	Wired LAN	Wired LAN	Wired LAN
Transfer while shooting	Yes	Yes	Yes
Transfer file format	RAW/JPEG	RAW/JPEG	RAW/JPEG

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Camera Tool Step by Step Guide #1: Camera⇔PC Direct Connection

Step by Step Guide Overview

- Preparation 1: Things to prepare
 - □ Camera that supports Remote Camera Tool
 - Ethernet cable
 - \Box PC on which Remote Camera Tool has been installed

Preparation 2: PC settings

- □ Disconnect all other network connections, including Wi-Fi.
- □ Close all security/cloud synchronization software programs that are running on the PC.

Preparation 3: IP address settings for the camera

- □ From the camera's [MENU] button, go to [Network2]
 - \rightarrow [Wired LAN Settings] \rightarrow [IP Address Setting].
- \Box If [IP Address Setting] is accessible, set it to [Auto].

\downarrow If [IP Address Setting] is grayed-out, do the following:

- Select [IP Address Setting] and see which menu item is "On" and interrupting.
- \Box Turn off the menu item that is [On].
- □ Turn on [PC Remote (Wired LAN)].

Preparation4: Enable PC Remote (Wired LAN) for the camera

 \Box From the [MENU] button, go to [Network1] \rightarrow [PC Remote Function]

- \rightarrow [PC Remote], set it to [On].
- □ Select [PC Remote Cnct Method] and set it to [Wired LAN].

\downarrow if [PC Remote] is grayed out, do the following:

- □ Select [PC Remote] and see which menu item is "On" and
 - interrupting.
- □ Turn off the menu item that is [On].
- Turn on [PC Remote].

Camera Tool Step by Step Guide #1: Camera⇔PC Direct Connection

Step by Step Guide Overview

- □ Step 1: Connect the camera to PC with Ethernet cable
- * It takes about 30 seconds to 1 minute for the camera to recognize the network.
 - \Box Open the live view and ensure that the text of the **LAN** icon is white.

 \downarrow If the ${f LAN}$ icon on the live view remains gray

for more than 30 seconds, check the following:

□ Did you disconnect the PC from all other networks, including Wi-Fi?

□ Did you close all security/cloud synchronization software

programs that were running on the PC?

□ Is the Ethernet⇔USB adapter connected properly?

□ Is the Ethernet cable connected properly?

□ Does the Ethernet terminal of the camera work properly?

<u>Step 2: Start Remote Camera Tool</u>

 \Box Check that Device Selection window appears.

 \downarrow If Device Selection window does not appear,

check the following:

□ Has the OS been updated to its latest version?

Camera Step by Step Guide #1: Camera⇔PC Direct Connection

Step by Step Guide Overview

- Step 3: Press the [Refresh] button on Device Selection window
 - □ Check that information about the camera appears in the camera list.
 - \downarrow If information about the camera does not appear
 - by pressing the [Refresh] button, check the following:
 - □ Did you disconnect the PC from all other networks, including Wi-
 - Fi?
 - Did you close all security/cloud synchronization software programs that were running on the PC?
 - \Box Is the Ethernet \Leftrightarrow USB adapter connected properly?
 - □ Is the Ethernet cable connected properly?
 - □ Does the Ethernet terminal of the camera work properly?
 - \Box Go to the camera's [MENU] \rightarrow [Network1] \rightarrow [Wired LAN
 - Settings]→[Display Wired LAN Info.]. Is the IP address displayed?
 - Enter the camera's IP address in the IP address field of Device
 - Selection window and press [IP Connect].
 - Check that information about the camera appears in the camera list.

Step 4: Double-click the [Camera Name] field of the camera

you want to access

□ Device Selection window appears with a live view and model information.

Camera Tool **Preparation 1: Things to prepare**

- Camera that supports Remote Camera Tool
- Ethernet cable
 - If your PC is not equipped with an Ethernet port, you need to use a USB-to-Ethernet adapter (available at stores).
- PC on which Remote Camera Tool has been installed

Camera Tool **Preparation 2: PC settings**

- 1. If the PC is connected to other networks, including Wi-Fi, disconnect them in advance.
- 2. If any security/cloud synchronization software programs are running on the PC, close them in advance.

Camera Tool Preparation 3: IP address settings for the camera

From the camera's [MENU] button, go to [Network2] \rightarrow [Wired LAN Settings] \rightarrow [IP Address Setting]. If [IP Address Setting] is accessible, set it to [Auto].



Camera Tool Preparation 4: Enable PC Remote (Wired LAN) for the camera

From the [MENU] button, go to [Network1] \rightarrow [PC Remote Function] \rightarrow [PC Remote], set it to [On]. Select [PC Remote Cnct Method] and set it to [Wired LAN].



Camera Step 1: Connect the camera to PC with Ethernet cable.



If the **LAN** icon on the live view remains gray for more than 30 seconds,

check the following:

- □ Did you disconnect the PC from all other networks, including Wi-Fi?
- Did you close all security/cloud synchronization software programs that were running on the PC?
- \Box Is the Ethernet \Leftrightarrow USB adapter connected properly?
- □ Is the Ethernet cable connected properly?

- Does the Ethernet terminal of the camera work properly?
 - □ Does the ping command run successfully?
 - Does the color of the LAN icon change once it is connected to a router?

Table of Contents > Step by Step Guide #1: Camera⇔PC Direct Connection Remote Camera Tool Step 2: Start Remote Camera Tool Remote Camera Tool Remote Camera Tool RemoteCameraTool Connect Double-click an item to connect or disconner Search by ID Address Start the installed [Remote Camera Tool]. Device Selection window appears on the desktop. Device selection window does not appear. Check the following:

□ Has the OS been updated to its latest version?

Remote Table of Contents > Step by Step Guide #1: Camera⇔PC Direct Connection

Camera Step 3: Press the [Refresh] button on Device Selection window

				Remote Ca	nera Tool				•••				Remote Came	era Tool			
	Shor ^	Model Name	Camera Name	Status	IP Address	MAC Address	Group	Pairing	No.	Shor ^	Model Name	Camera Name	Status	IP Address	MAC Address	Group	Pa
									1	[1] 🗘	MODEL-NAME	CAMERA-NAME	Connected	100.004.001	2.1.000000000	GP1 ≎	
																_	-
ouble	CIICK an Iter	n to connect or a	sconnect.	Se	arch by IP Address	8.0.1	Connect	Refresh	Double	e-click an iter	n to connect or a	sconnect.	Sear	ch by IP Address	58.0.1	Connect	R
	D		ofrach	on Do	vico Solo	ction w	indo		format	ion	about	the cou	nactad	comora	is roflo	bote	in

Information about the camera is not reflected in the list.

Check the following:

- □ Did you disconnect the PC from all other networks, including Wi-Fi?
- Did you close all security/cloud synchronization software programs that were running on the PC?
- \Box Is the Ethernet \Leftrightarrow USB adapter connected properly?
- □ Is the Ethernet cable connected properly?
- Does the Ethernet terminal of the camera work properly?

- Go to the camera's [MENU]→[Network1]→[Wired LAN Settings]→[Display Wired LAN Info.]. Is the IP address displayed?
- □ Enter the camera's IP address in the IP address field of Device Selection window and press [IP Connect].
- Check that information about the camera appears in the camera list.

Camera Step 4: Double-click the [Camera Name] of the camera you want to access.



Camera Tool Pair your camera with your PC

No.	Shor ^	Model Name	Camera Name	Status	IP Address	MAC Address	Group	Paiing
1	[1] 🗘	MODEL-NAME	CAMERA-NAME	Connected	101.041.01	2.1.11111.01	GP 1 🗘	Not yet
uble-	click an item	to connect or dis	sconnect.	Sear	ch by IP Address 192.1	68.0.1	Connect	Refresh

- ① IP address field
- ② [Connect] button:

If your camera does not appear in the list, enter its IP address in (1) and click (2) [Connect].

- ③ [Refresh] button
- To change the device name, edit [Camera Name] in this screen.
 The new name is reflected only in Remote Camera Tool.
 [Change Device Name] on your camera remains unchanged.
- (5) Shows the current status of your camera. Connected: Your camera is connected. Disconnected: Your camera is disconnected.

6 Pairing

Done: Your camera is successfully paired. Double-click it to connect the camera to your PC.

Not yet: Your camera is not paired. Double-click it to move to the pairing window (see "How to pair your camera with your PC" that appears later).

- (hyphen): Pairing is not needed. Double-click it to connect the camera to your PC.

 \bigcirc Shows the list of connected cameras

Note: To disconnect your camera(s):

To disconnect a specific camera,

select and double-click the camera in the "device selection screen".

To disconnect all the cameras, close the "camera operation screen".

Camera Tool Pair your camera with your PC

How to pair your camera with your PC

For Remote Camera Tool Ver. 2.0 or later, for security reasons, you need to pair your camera with your PC before using the tool. Pairing needs to be performed only the first time your camera is connected.

- Double-click a device that is in the "Not Yet" status. The screen on the right appears.
- Press the [MENU] button and select [Network] -[Remote Camera Tool] - [Pairing] to display the pairing standby screen.
- 3. **Q** Select [Pairing].
- 4. Select [OK] in the camera's pairing screen.
- 5. 🛄 Turn off the camera.

When the camera goes off, pairing information is saved on the camera. Please wait for at least 10 seconds before turning on the camera again.

How to display the camera operation screen

To display the camera operation screen, double-click the camera you want to operate. You can perform various operations from this screen.

Do not operate the camera directly (e.g., pressing its buttons) while you are operating it from the camera operation screen.





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^{Camera} Step by Step Guide #2: Multiple Cameras⇔Network Hub⇔PC Connection

	#1 Camera⇔PC Direct Connection	#2 Multiple Cameras⇔Network Hub⇔PC Connection	#3 Multiple Cameras⇔Network Router⇔PC Connection
Schematic diagram			
Image save destination	PC	PC/FTP Server	PC/FTP Server
IP address	Static / Auto	Static / Auto	Static / DHCP
Transfer method	Wired LAN	Wired LAN	Wired LAN
Transfer while shooting	Yes	Yes	Yes
Transfer file format	RAW/JPEG	RAW/JPEG	RAW/JPEG

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Camera Step by Step Guide #2: Multiple Cameras⇔Network Hub⇔PC Connection

Step by Step Guide Overview

- Preparation 1: Things to prepare
 - □ Camera that supports Remote Camera Tool
 - Ethernet cable
 - \Box PC on which Remote Camera Tool has been installed
 - □ Network hub
- Preparation 2: PC settings
 - □ Disconnect all other network connections, including Wi-Fi.
 - □ Close all security/cloud synchronization software programs that are running on the PC.
- Preparation 3: IP address settings for the camera
 - □ From the camera's [MENU] button, go to [Network2]
 - \rightarrow [Wired LAN Settings] \rightarrow [IP Address Setting].
 - \Box If [IP Address Setting] is accessible, set it to [Auto].
 - \downarrow If [IP Address Setting] is grayed-out, do the following:
 - Select [IP Address Setting] and see which menu item is "On" and interrupting.
 - □ Turn off the menu item that is [On].
 - □ Turn on [PC Remote (Wired LAN)].

Preparation4: Enable PC Remote (Wired LAN) for the camera

- \Box From the [MENU] button, go to [Network1] \rightarrow [PC Remote Function]
 - \rightarrow [PC Remote], set it to [On].
- \Box Select [PC Remote Cnct Method] and set it to [Wired LAN].
 - \downarrow if [PC Remote] is grayed out, do the following:
 - □ Select [PC Remote] and see which menu item is "On" and
 - interrupting.
 - □ Turn off the menu item that is [On].
 - Turn on [PC Remote].

Camera Step by Step Guide #2: Multiple Cameras⇔Network Hub⇔PC Connection

Step by Step Guide Overview

□ Step 1: Connect the cameras, PC, and network hub with the Ethernet cables

* It takes about 30 seconds to 1 minute for the camera to recognize the network.

 \Box Open the live view and ensure that the text of the **LAN** icon is white.

 \downarrow If the ${f LAN}$ icon on the live view remains gray

for more than 30 seconds, check the following:

 \Box Check the PC settings.

□ Did you disconnect the PC from all other networks,

including Wi-Fi?

□ Did you close all security/cloud synchronization software

programs that were running on the PC?

□ Check the state of each Ethernet cable.

 \Box Is the Ethernet cable connected properly?

 \Box Is the Ethernet \Leftrightarrow USB adapter connected properly?

□ Does the access lamp go on/flash when the PC and

network hub are connected directly?

Step 2: Start Remote Camera Tool

 \Box Check that Device Selection window appears.

 \downarrow If Device Selection window does not appear,

check the following:

□ Has the OS been updated to its latest version?

Camera Step by Step Guide #2: Multiple Cameras⇔Network Hub⇔PC Connection

Step by Step Guide Overview

- Step 3: Press the [Refresh] button on Device Selection window
 - □ Check that information about the camera appears in the camera list.

 \downarrow If information about the camera does not appear by

pressing the [Refresh] button, check the following:

 \Box Check the PC settings.

- □ Did you disconnect the PC from all other networks, including Wi-Fi?
- □ Did you close all security/cloud synchronization software programs that were running on the PC?
- \Box Check the state of each Ethernet cable.
 - \Box Is the Ethernet cable connected properly?
 - □ Is the Ethernet⇔USB adapter connected properly?
 - Does the access lamp go on/flash when the PC and network hub are connected directly?

□ Check the status of the Ethernet terminal of each camera.

- □ Does the color of the LAN icon change once the camera is connected to the router directly?
- □ Does the color of the LAN icon change 30 seconds after the camera and PC are connected directly?

 \Box Check the settings of the camera.

- \Box Go to the camera's [MENU] \rightarrow [Network1]
 - \rightarrow [Wired LAN Settings] \rightarrow [Display Wired LAN Info.].
 - Is the IP address displayed?
- Enter the camera's IP address in the IP address field of

Device Selection window and press [IP Connect].

□ Check that information about the camera appears in the camera list

Step 4: Double-click the [Camera Name] field of the camera you want to

<u>access</u>

□ A window to control the camera appears with a live view and model information.

Remote Table of Contents > Step by Step Guide #2: Multiple Cameras⇔Network Hub⇔PC Connection Preparation 1: Things to prepare

- Camera that supports Remote Camera Tool
- Ethernet cable
 - If your PC is not equipped with an Ethernet port,
 you need to use a USB-to-Ethernet adapter (available at stores).
- PC on which Remote Camera Tool has been installed
- Network hub

Camera Tool Preparation 2: PC settings

- 1. If the PC is connected to other networks, including Wi-Fi, disconnect them in advance.
- 2. If any security/cloud synchronization software programs are running on the PC, close them in advance.

Table of Contents > Step by Step Guide #2: Multiple Cameras⇔Network Hub⇔PC Connection Preparation 3: IP address settings for the camera

From the camera's [MENU] button, go to [Network2] \rightarrow [Wired LAN Settings] \rightarrow [IP Address Setting]. If [IP Address Setting] is accessible, set it to [Auto].



Camera Tool Preparation 4: Enable PC Remote (Wired LAN) for the camera

From the [MENU] button, go to [Network1] \rightarrow [PC Remote Function] \rightarrow [PC Remote], set it to [On]. Select [PC Remote Cnct Method] and set it to [Wired LAN].





Check the following:

- □ Did you disconnect the PC from all other networks, including Wi-Fi?
- □ Did you close all security/cloud synchronization software programs that were running on the PC?
- \Box Is the Ethernet \Leftrightarrow USB adapter connected properly?
- □ Is the Ethernet cable connected properly?

- Does the Ethernet terminal of the camera work properly?
 - □ Does the ping command run successfully?
 - Does the color of the LAN icon change once it is connected to a router?

Table of Contents > Step by Step Guide #2: Multiple Cameras⇔Network Hub⇔PC Connection Remote Camera Tool Step 2: Start Remote Camera Tool Remote Camera Tool Remote Camera Tool RemoteCameraTool Connect Double-click an item to connect or disconner Search by ID Address Start the installed [Remote Camera Tool]. Device Selection window appears on the desktop. Device selection window does not appear. Check the following:

□ Has the OS been updated to its latest version?

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Camera Tool Step 3: Press the [Refresh] button on Device Selection window

Remote Camera Tool	Remote Camera Tool
No. Shor ^ Model Name Camera Name Status IP Address MAC Address Group Pairing	No. Shor A Model Name Camera Name Status IP Address MAC Address Group Pairing
	1 [1] MODEL-NAME CAMERA-NAME Connected GP1 GP1 -
Double-click an item to connect or disconnect. Search by IP Address 192.168.0.1 Connect Refresh	Double-click an item to connect or disconnect. Search by IP Address 192.168.0.1 Connect Refresh
Press [Refresh] on Device Selection window.	Information about the connected camera is reflected in the l
Information about the camera is not reflected in the list	
information about the camera is not reflected in the list.	
ock the following:	\Box Check the status of the Ethernet terminal of each service
Chack the BC settings	
	Does the color of the LAN icon change once the camera is
\Box Did you disconnect the PC from all other networks, including	connected to the router directly?
Wi-Fi?	Does the color of the LAN icon change 30 seconds after the
Did you close all security/cloud synchronization software	camera and PC are connected directly?
programs that were running on the PC?	\Box Does the ning command run successfully?
Check the state of each Ethernet cable.	\square Check the settings of the same range
\Box is the Ethernet cable connected properly?	$\Box \Box \Box \Box \Box \Box \Box \Box \Box \Box $
\Box is the Ethernot \ominus UCD edeptor series and errors with 2	\Box Go to the camera's [IVIENU] \rightarrow [INETWORK1] \rightarrow [Wired LAN Sett
\Box is the Ethernet \Leftrightarrow USB adapter connected properly?	\rightarrow [Display Wired LAN Info.]. Is the IP address displayed?
Does the access lamp go on/flash when the PC and network	Enter the camera's IP address in the IP address field of Devi
hub are connected directly?	Selection window and press [IP Connect].
	\Box Check that information about the camera appears in

camera list.

Camera Step 4: Double-click the [Camera Name] of the camera you want to access.



- For Remote Camera Tool Ver.2.0 or later:

To connect a camera to your PC, you need to pair them first. For more information, see <u>pages 16 and 17</u>.

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^{Camera} Step by Step Guide #3: Multiple Cameras⇔Router⇔PC Connection

	#1 Camera⇔PC Direct Connection	#2 Multiple Cameras⇔Network Hub⇔PC Connection	#3 Multiple Cameras⇔Network Router⇔PC Connection
Schematic diagram			
Image save destination	PC	PC/FTP Server	PC/FTP Server
IP address	Static / Auto	Static / Auto	Static / DHCP
Transfer method	Wired LAN	Wired LAN	Wired LAN
Transfer while shooting	Yes	Yes	Yes
Transfer file format	RAW/JPEG	RAW/JPEG	RAW/JPEG

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Camera Tool Step by Step Guide #3: Multiple Cameras⇔Router⇔PC Connection

Step by Step Guide Overview

- Preparation 1: Things to prepare
 - □ Camera that supports Remote Camera Tool

Ethernet cable

 \square PC on which Remote Camera Tool has been installed

□ Router

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Preparation 2: PC settings

- □ Disconnect all other network connections, including Wi-Fi.
- □ Close all security/cloud synchronization software programs that are running on the PC.
- Preparation 3: Router settings

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- \Box Access the control menu of the router.
- □ Enable the DHCP server function.

Preparation 4: IP address settings for the camera

□ From the camera's [MENU] button, go to [Network2]

 \rightarrow [Wired LAN Settings] \rightarrow [IP Address Setting].

- \Box If [IP Address Setting] is accessible, set it to [Auto].
 - \downarrow If [IP Address Setting] is grayed-out, do the following:
 - □ Select [IP Address Setting] and see which menu item is "On" and interrupting.
 - □ Turn off the menu item that is [On].
 - □ Turn on [PC Remote (Wired LAN)].
- Preparation 5: Enable PC Remote (wired LAN) for the camera

 \Box From the [MENU] button, go to [Network1] \rightarrow [PC Remote Function]

- \rightarrow [PC Remote], set it to [On].
- □ Select [PC Remote Cnct Method] and set it to [Wired LAN].

 \downarrow if [PC Remote] is grayed out, do the following:

- \Box Select [PC Remote] and see which menu item is "On" and
 - interrupting.
- □ Turn off the menu item that is [On].
- Turn on [PC Remote].

Camera Tool Step by Step Guide 3: Multiple Cameras⇔Router⇔PC Connection

Step by Step Guide Overview

- Step 1: Connect the cameras, PC, and rooter with the Ethernet cables
- * It takes about 30 seconds to 1 minute for the camera to recognize the network.
 - □ Open the live view and ensure that the text of the **LAN** icon is white.
 - \downarrow If the ${f LAN}$ icon on the live view remains
 - gray for more than 30 seconds, check the following:
 - \Box Check the PC settings.
 - □ Did you disconnect the PC from all other networks, including Wi-Fi?
 - □ Did you close all security/cloud synchronization software programs that were running on the PC?
 - □ Check the state of each Ethernet cable.
 - □ Is the Ethernet cable connected properly?
 - □ Is the Ethernet⇔USB adapter connected properly?
 - Does the access lamp go on/flash when the PC and network hub are connected directly?
 - \Box Check the status of the Ethernet terminal of each camera.
 - □ Does the color of the **LAN** icon change once the camera is connected to the router directly?
 - □ Does the ping command run successfully?

Step 2: Start Remote Camera Tool

- \Box Check that Device Selection window appears.
 - \downarrow If Device Selection window does not appear,
 - check the following:
 - □ Has the OS been updated to its latest version?

Camera Tool Step by Step Guide 3: Multiple Cameras⇔Router⇔PC Connection

Step by Step Guide Overview

□ Step 3: Press the [Refresh] button on Device Selection window □ Check that information about the camera appears in the camera list. \downarrow If information about the camera does not appear by pressing the [Refresh] button, check the following: \Box Check the PC settings. Did you disconnect the PC from all other networks, including Wi-Fi? Did you close all security/cloud synchronization software programs that were running on the PC? \Box Check the state of each Ethernet cable access \Box Is the Ethernet cable connected properly? \Box Is the Ethernet \Leftrightarrow USB adapter connected properly? Does the access lamp go on/flash when the PC and network hub are connected directly? Check the status of the Ethernet terminal of each camera. Does the color of the **LAN** icon change once the camera is connected to the router directly? □ Does the ping command run successfully?

 \Box Check the settings of the camera.

- \Box Go to the camera's [MENU] \rightarrow [Network1]
 - \rightarrow [Wired LAN Settings] \rightarrow [Display Wired LAN Info.].
 - Is the IP address displayed?
- Enter the camera's IP address in the IP address field of

Device Selection window and press [IP Connect].

□ Check that information about the camera appears in the camera list

Step 4: Double-click the [Camera Name] field of the camera you want to

□ A window to control the camera appears with a live view and model information.

Remote Table of Contents > Step by Step Guide 3: Multiple Cameras⇔Router⇔PC Connection

Camera Tool Preparation 1: Things to prepare

- Camera that supports Remote Camera Tool
- Ethernet cable
 - If your PC is not equipped with an Ethernet port,
 you need to use a USB-to-Ethernet adapter (available at stores).
- PC on which Remote Camera Tool has been installed
- Router

Camera Tool Preparation 2: PC settings

- 1. If the PC is connected to other networks, including Wi-Fi, disconnect them in advance.
- 2. If any security/cloud synchronization software programs are running on the PC, close them in advance.

Camera Tool **Preparation 3: Router settings**

- 1. Access the control menu of the router.
- 2. Enable the DHCP server function.

Camera Tool Preparation 4: IP address settings for the camera

From the camera's [MENU] button, go to [Network2] \rightarrow [Wired LAN Settings] \rightarrow [IP Address Setting]. If [IP Address Setting] is accessible, set it to [Auto].



Camera Tool Preparation 5: Enable PC Remote (wired LAN) for the camera

From the [MENU] button, go to [Network1] \rightarrow [PC Remote Function] \rightarrow [PC Remote], set it to [On]. Select [PC Remote Cnct Method] and set it to [Wired LAN].



Table of Contents > Step by Step Guide 3: Multiple Cameras⇔Router⇔PC Connection Remote Camera Step 1: Connect the cameras, PC, and router with the Ethernet cables. **3:2** 24m FINE Open the live view. If the **LAN** icon is (C))OE white. the network has been recognized by the camera. It takes about 30 seconds for the camera DRO 58d.) 202020 to recognize the network Char Connect the cameras and PC to the router using their Ethernet ports and the cables. If the LAN icon on the live view remains gray for more than 30 seconds,

Check the following:

- □ Did you disconnect the PC from all other networks, including Wi-Fi?
- □ Did you close all security/cloud synchronization software programs that were running on the PC?
- \Box Is the Ethernet \Leftrightarrow USB adapter connected properly?
- □ Is the Ethernet cable connected properly?

- Does the Ethernet terminal of the camera work properly?
 - □ Does the ping command run successfully?
 - Does the color of the LAN icon change once it is connected to a router?

Table of Contents > Step by Step Guide 3: Multiple Cameras⇔Router⇔PC Connection Remote Camera Tool Step 2: Start Remote Camera Tool Remote Camera Tool Remote Camera Tool RemoteCameraTool Connect Double-click an item to connect or disconner Search by ID Address Start the installed [Remote Camera Tool]. Device Selection window appears on the desktop. Device selection window does not appear. Check the following:

□ Has the OS been updated to its latest version?

Remote Table of Contents > Step by Step Guide 3: Multiple Cameras⇔Router⇔PC Connection

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Camera Step 3: Press the [Refresh] button on Device Selection window

Remote Camera Tool	Remote Camera Tool
No. Shor ^ Model Name Camera Name Status IP Address MAC Address Group Pairing	No. Shor ^ Model Name Camera Name Status IP Address MAC Address Group Pairing 1 [1] MODEL-NAME CAMERA-NAME Connected Image: Connected <td< th=""></td<>
Double-click an item to connect or disconnect. Search by IP Address 192.168.0.1 Connect Refresh	Double-click an item to connect or disconnect. Search by IP Address 192.168.0.1 Connect Refresh
Press [Refresh] on Device Selection window.	Information about the connected camera is reflected in the lis
Information about the camera is not reflected in the list.	
eck the following:	Check the status of the Ethernet terminal of each camera.
 Check the PC settings. Did you disconnect the PC from all other networks, including Wi-Fi? Did you close all security/cloud synchronization software programs that were running on the PC? 	 Does the color of the LAN icon change once the camera is connected to the router directly? Does the color of the LAN icon change 30 seconds after the camera and PC are connected directly? Does the ping command run successfully?
Check the state of each Ethernet cable.	\Box Check the settings of the camera.
 □ Is the Ethernet cable connected properly? □ Is the Ethernet⇔USB adapter connected properly? □ Does the access lamp go on/flash when the PC and network hub are connected directly? 	 □ Go to the camera's [MENU]→[Network1]→[Wired LAN Settin →[Display Wired LAN Info.]. Is the IP address displayed? □ Enter the camera's IP address in the IP address field of Devic Selection window and press [IP Connect]. □ Check that information about the camera appears in

camera list.

Camera Step 4: Double-click the [Camera Name] of the camera you want to access.



- For Remote Camera Tool Ver.2.0 or later:

To connect a camera to your PC, you need to pair them first. For more information, see <u>pages 16 and 17</u>.

Camera Tool Step by Step Guide #4: FTP Server Settings for PC Connection

Step by Step Guide Overview * From here, the fields for settings are left blank. Please use them to write down your own settings, etc.

Preparation 1: Register FTP server information to the camera

 \Box Go to [MENU] \rightarrow [Network1] \rightarrow [FTP Transfer Func.]

 \rightarrow [Server Setting] \rightarrow [Server].

□ Select [Display Name] and enter the display name [].

□ Select [Destination Settings] and enter the following settings:

Host Name : _____

Secure Protocol : [On] or [Off]

Root Certificate Error : [Not connect] or [Connect]

Port Number : ______

□ Select [Directory Settings] and enter the following settings:

Specify Directory : ______

Directory Hierarchy : [Standard] or [Same as camera]

Same File Nam e: [Overwrite] or [Not overwrite]

□ Select [User Info Settings] and enter the settings provided on the

following:

User: _____

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Password:_____

 \Box Select [OK].

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Preparation 2: Enable the FTP connection to the camera

 \Box Go to [MENU] \rightarrow [Network1] \rightarrow [FTP Transfer Func.]

 \rightarrow [FTP Connect Method] and select [Wired LAN].

□ Select [FTP Function] and then select [On].

 \downarrow If FTP connection fails, see the error message

and check the following:

[Failed to establish a connection to the FTP server. Please check the FTP server settings.]

□ Are the settings for the FTP server correct?

[Cannot recognize the LAN cable. Trying to establish a connection again.]

□ Is the camera connected to the network?

[Failed to obtain the IP address. Please check the DNS server settings or destination settings.]

 \Box Are the destination settings correct?

 \Box Is the DNS server working properly?

□ If the FTP server is located outside the LAN network, is the network connected to the Internet?

Camera Tool Step by Step Guide #4: FTP Server Settings for PC Connection

Step by Step Guide Overview

Transfer multiple images at once

□ Go to [MENU]→[Playback3]→[Select Playback Media] and select a slot you want to transfer images from.

 \Box Go to [MENU] \rightarrow [Network1] \rightarrow [FTP Transfer Func.]

 \rightarrow [FTP Transfer]

 \downarrow If [FTP Transfer] is not accessible, check the following:

□ Is an SD card inserted in the selected slot?

□ Can the inserted SD card be read by other devices without any error?

□ Specify which types of images you want to transfer using FTP and select [OK].

Taget Group

[This Media] / [This date] % for the date view

/ [This Folder] % for the folder view

Target Img

[All]

[Protected]

Transfer Status

[All]

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[Only Non-transfer] [Only Failed] □ Select [OK] .

 \downarrow If FTP connection fails, see the error message

and check the following:

[Failed to establish a connection to the FTP server. Please check the FTP server settings.]

□ Are the settings for the FTP server correct? [Cannot recognize the LAN cable. Trying to establish a connection again.]

□ Is the camera connected to the network? [Failed to obtain the IP address. Please check the DNS server settings or destination settings.]

 \Box Are the destination settings correct?

 \Box Is the DNS server working properly?

□ If the FTP server is located outside the LAN network, is the network connected to the Internet?

Camera Step by Step Guide #4: FTP Server Settings for PC Connection

Step by Step Guide Overview

Transfer	images	automatical	ly as y	you shoot
			_	

 \Box Go to [MENU] \rightarrow [Network1] \rightarrow [FTP Transfer Func.]

 \rightarrow [Auto Trans When Shot] and select [On].

 \Box Shot a photo.

 \downarrow If FTP server connection fails, see the error message

and check the following:

[Failed to establish a connection to the FTP server. Please check the FTP server settings.]

 \Box Are the settings for the FTP server correct?

[Cannot recognize the LAN cable. Trying to establish a connection again.]

 \Box Is the camera connected to the network?

[Failed to obtain the IP address. Please check the DNS server settings or destination settings.]

 \Box Are the destination settings correct?

 \Box Is the DNS server working properly?

□ If the FTP server is located outside the LAN network, is the network connected to the Internet?

□ Transfer an image that is being played back

□ Go to [MENU] \rightarrow [\bigcirc 2(Camera Setting2)] \rightarrow [\triangleright Custom Key] and assign a key you want to use to the [FTP Transfer (1 Img.)] function.

 \Box Display an image you want to transfer and press the key that is

assigned to [FTP Transfer (1 Img.)].

 \downarrow If FTP server connection fails, go to [MENU]ightarrow[Network1]

ightarrow [FTP Transfer Func.] to see the error message

and check the following:

[Failed to establish a connection to the FTP server. Please check the FTP server settings.]

□ Are the settings for the FTP server correct? [Cannot recognize the LAN cable. Trying to establish a connection again.]

□ Is the camera connected to the network? [Failed to obtain the IP address. Please check the DNS server settings or destination settings.]

 \Box Are the destination settings correct?

□ Is the DNS server working properly?

□ If the FTP server is located outside the LAN network, is the network connected to the Internet?

Camera Tool Preparation 1: Register FTP server information to the camera

1. Go to [MENU] \rightarrow [Network1] \rightarrow [FTP Transfer Func.] \rightarrow [Server Setting] \rightarrow [Server].



1.

2. Select [Display Name] and enter the display name [



Camera Tool **Preparation 1: Register FTP server information to the camera**

3.	Select [Destination Settings] and enter the settingsprovided on the right.Server 1Destination Settings	Host Name:
	Display Name headftp Host Name Destination Settings Secure Protocol Off	Secure Protocol: [On] or [Off]
	User Info Settings – Ot Certificate Error – Port 21	Root Certificate Error: [Not connect] or [Connect]
	OK OK Cancel Image: Select I and Selec	Port Number:
4.	Select [Destination Settings] and enter the settings provided on the right.	
	Server 1Directory SettingsDisplay NameheadftpDestination SettingsDirectory DirectoryDirectory SettingsDirectory HierarchyUser Info SettingsStandardUser Info SettingsStandard	Specify Directory:
	OK OK Cancel IIII Select ● Enter IIII S	Same File Name: [Overwrite] or [Not overwrite]

* The fields for settings are left blank. Please use them to write down your own settings, etc.

Camera Tool Preparation 1: Register FTP server information to the camera



* The fields for settings are left blank. Please use them to write down your own settings, etc.

^{Camera} Tool Preparation 2: Enable the FTP connection to the camera

1. Go to [MENU] \rightarrow [Network1] \rightarrow [FTP Transfer Func.] \rightarrow [FTP Connect Method] and select [Wired LAN].



Try the following depending on the error message you receive:

[Failed to establish a connection to the FTP server. Please check the FTP server settings.]

 \Box Are the settings for the FTP server correct?

[Cannot recognize the LAN cable. Trying to establish a connection again.]

 \Box Is the camera connected to the network?

[Failed to obtain the IP address. Please check the DNS server settings or destination settings.]

□ Are the destination settings correct?

- \Box Is the DNS server working properly?
- □ If the FTP server is located outside the LAN network, is the network connected to the Internet?

2. Select [FTP Function] and then select [On].



Remote Table of Contents > Step by Step Guide #4: FTP Server Settings for PC Connection Camera Transfer multiple images at once

Go to [MENU]→[Playback3] →[Select Playback Media] and 2. Go to [MENU]→[Network1]→[FTP Transfer Func.] select a slot you want to transfer images from.

	≟ ★	Select Pla	yback Media
Playback	.3		
€Enlarge Initial Position	Focused Position		
Cont. PB for 🔅 Interval			Slot 1
PB Speed for 🔅 Interval	U U		Slot 2
Slide Show			01012
Select Playback Media	Slot 1		
View Mode			
	💼 ? 📖 🗅		Select ● Enter IIIII 1



[FTP Transfer] is not accessible. 1 <u>2</u> 3 FTP Transfer Display FTP Result Auto Trans When Shot Off Connected Server 1 (headftp) • Is an SD card inserted in the selected slot? • Can the inserted SD card be read by other devices without any error?

Transfer multiple images at once

Specify which types of images you want to transfer using 4.
 FTP and select [OK].

FTP Transfer				
Target Group	This Date			
Target Image	All			
Transfer Status	Only Non-transfer			
Target Group আMAY-23-2019 Images	OK Cancel			
	Select ● Enter			

Target Group

- [This Media]
- [This Date] % for the date view
- [This Folder] % for the folder view

Target Img

[All] [Protected]

Transfer Status [All] [Only Non-transfer] [Only Failed]



Try the following depending on the error message you receive:

[Failed to establish a connection to the FTP server. Please check the FTP server settings.]

 \Box Are the settings for the FTP server correct?

[Cannot recognize the LAN cable. Trying to establish a connection again.]

□ Is the camera connected to the network?

[Failed to obtain the IP address. Please check the DNS server settings or destination settings.]

 \Box Are the destination settings correct?

- \Box Is the DNS server working properly?
- □ If the FTP server is located outside the LAN network, is the network connected to the Internet?

Transfer images automatically as you shoot

Go to [MENU]→[Network1]→[FTP Transfer Func.]
 →[Auto Trans When Shot] and select [On].





Go to [MENU]→[Network1]→[FTP Transfer Func.] and see the error message. Try the following depending on the error message you receive:

[Failed to establish a connection to the FTP server. Please check the FTP server settings.]

 \Box Are the settings for the FTP server correct?

[Cannot recognize the LAN cable. Trying to establish a connection again.]

 \Box Is the camera connected to the network?

[Failed to obtain the IP address. Please check the DNS server settings or destination settings.]

 \Box Are the destination settings correct?

□ Is the DNS server working properly?

□ If the FTP server is located outside the LAN network, is the network connected to the Internet?

Transfer an image that is being played back

Assigning a custom key to [FTP Transfer (1 img.)] makes image transfer easier. You can transfer the image displayed on the playback screen to the FTP server just by pressing the key.

Go to [MENU]→[2(Camera Setting2)]
 →[Custom Key] and assign a key you want to use to the [FTP Transfer (1 Img.)] function.



2. Display an image you want to transfer and press the key that is assigned to [FTP Transfer (1 Img.)].



Go to $[MENU] \rightarrow [Network1] \rightarrow [FTP Transfer Func.]$ and see the error message. Try the following depending on the error message you receive:

[Failed to establish a connection to the FTP server. Please check the FTP server settings.]

 $\hfill\square$ Are the settings for the FTP server correct?

[Cannot recognize the LAN cable. Trying to establish a connection again.]

 $\hfill\square$ Is the camera connected to the network?

[Failed to obtain the IP address. Please check the DNS server settings or destination settings.]

 $\hfill\square$ Are the destination settings correct?

- $\hfill\square$ Is the DNS server working properly?
- □ If the FTP server is located outside the LAN network, is the network connected to the Internet?

Camera Tool Check FTP transfer results

Go to [MENU]→[Network1]→[FTP Transfer Func.]
 →[Display FTP Result]
 and select a slot you want to shock transfer results for

and select a slot you want to check transfer results for.



<How to delete FTP transfer results>

1. On the [Display FTP Result] screen, select [Reset].





Camera Step by Step Guide #5:Settings to Use a Fixed IP Address

Step by Step Guide Overview of for Mac * The fields for settings are left blank. Please use them to write down your own settings, etc.

□ Enter the subnet mask [. . .]. □ Preparation 1: Things to prepare □ Enter the router [. .]. Camera that supports Remote Camera Tool \Box Select [Advanced...] \rightarrow [DNS] \rightarrow [+]. Ethernet cable □ Enter [. . .] in the field and select [OK]. PC on which Remote Camera Tool has been installed □ Select [Apply]. Router □ Preparation 3: Camera settings. □ Preparation 2: PC settings(for Mac) \Box Go to [MENU] \rightarrow [Network] \rightarrow [Wired LAN Settings] □ If the PC is connected to other networks, including Wi-Fi, disconnect \rightarrow [Display Wired LAN Info.] them in advance. and take a note of the MAC Address of the camera in advance. □ Take a note of the MAC address of the PC in advance. \Box Go to [MENU] \rightarrow [Network] \rightarrow [Wired LAN Settings] \Box Go to [Menu] \rightarrow [About This Mac] \rightarrow [System Report]. \rightarrow [IP Address Setting] and set it to [Manual]. □ Take a note of the MAC address displayed in □ Enter IP address[. . .]. [Network] \rightarrow [Locations]. \Box Set up a fixed IP address. □ Enter Subnet mask [. . .]. \Box Go to [**(**Menu] \rightarrow [System Preferences...] \rightarrow [Network]. □ Enter Default Gateway [. . .]. □ From the [Location] pull-down menu, □ Enter Primary DNS Server [. . .]. select [Edit Locations...] \rightarrow [+]. □ Enter Secondary DNS Server [. .].] in the entry field and select [Done]. 🗆 Enter í □ Select [OK]. □ From the [Locations] pull-down menu, select [], which you \Box From the [MENU] button, go to [Network1] \rightarrow [PC Remote Function] entered manually in 3 above. \rightarrow [PC Remote], set it to [On]. □ From the [Configure IPv4] pull-down menu, select [Manually]. □ Select [PC Remote Cnct Method] and set it to [Wired LAN]. □ Enter the IP address [. . .]. 56 SONY

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Camera Tool Step by Step Guide #5:Settings to Use a Fixed IP Address

Step by Step Guide Overview 🗧 for Windows

* The fields for settings are left blank. Please use them to write down your own settings, etc.

Preparation 1: Things to prepare	Enter Preferred DNS [].
Camera that supports Remote Camera Tool	Enter Alternate DNS [].
Ethernet cable	□ Select [Save].
\Box PC on which Remote Camera Tool has been installed	Preparation 3: Camera settings.
Router	\Box Go to [MENU] \rightarrow [Network] \rightarrow [Wired LAN Settings]
Preparation 2: PC settings(for Windows)	\rightarrow [Display Wired LAN Info.]
\Box If the PC is connected to other networks, including Wi-Fi, disconnect	and take a note of the MAC Address of the camera in advance.
them in advance.	\Box Go to [MENU] \rightarrow [Network] \rightarrow [Wired LAN Settings]
\Box Take a note of the MAC address of the PC in advance.	\rightarrow [IP Address Setting] and set it to [Manual].
\Box Go to [Henu] \rightarrow [Setting] \rightarrow [Network & Internet] \rightarrow [Ethernet]	Enter IP address[].
\rightarrow [Ethernet].	Enter Subnet mask [].
\Box Take a note of the MAC address displayed in [Propaties].	🗆 Enter Default Gateway [].
□ Set up a fixed IP address.	Enter Primary DNS Server [].
□ Select [Edit] button in IP settings.	Enter Secondary DNS Server [].
From the [Edit IP settings] pull-down menu, Select [Manual].	□ Select [OK].
□ Set [IPv4] to [On].	\Box From the [MENU] button, go to [Network1] \rightarrow [PC Remote Function]
\Box Enter the IP address [].	\rightarrow [PC Remote], set it to [On].
Enter Subnet prefix length [].	\Box Select [PC Remote Cnct Method] and set it to [Wired LAN].

Camera Tool Preparation 1: Things to prepare

- Camera that supports Remote Camera Tool
- Ethernet cable
 - If your PC is not equipped with an Ethernet port,
 you need to use a USB-to-Ethernet adapter (available at stores).
- PC on which Remote Camera Tool has been installed
- Router

Camera Tool Preparation 2: PC settings for Mac Edick here for Windows

- 1. If the PC is connected to other networks, including Wi-Fi, disconnect them in advance.
- 2. Take a note of the MAC address of the PC in advance.

Go to [\bigstar Menu] \rightarrow [About This Mac...] \rightarrow [System Report].

Take a note of the MAC address displayed in [Network] \rightarrow [Locations].



Camera Tool Preparation 2: PC settings for Mac Elick here for Windows

- 3. Set up a fixed IP address.
 - 1. Go to [\bigstar Menu] \rightarrow [System Preferences...] \rightarrow [Network].
 - 2. From the [Location] pull-down menu, select [Edit Locations...] \rightarrow [+].

	Network	Q Search		Network	Q Search
Loc	ation: 🗸 Automatic			.0 Locations	0
 BelkinB-C LAN Connected Bluetooth PAN St Connected Wi-Fi St Connected ThundeIt Bridge St Connected 	Edit Locations Status: Connected Belkin USB-C Li the IP address 1 Configure IPv4: Using DHCP IP Address: Subnet Mask: Router: DNS Server: Search Domains:	AN is currently active and has 92.168.0.101.	BelkinB-C LAN Connected Bluetooth PAN Not Connected Wi-Fi ThundeIt Bridge Not Connected	Router: DNS Server: Search Domains:	urrently active and has 0.101.
+ - &-		Advanced ? Revert Apply	+ - &-		Advanced ? Revert Apply

Tool Preparation 2: PC settings for Mac Elick here for Windows

- 3. Set up a fixed IP address.
 - 3. Enter [] in the entry field and select [Done].
 - 4. From the [Locations] pull-down menu, select [in 3 above.

], which you entered manually

* The fields for settings are left blank. Please use them to write down your own settings, etc.



Camera Tool Preparation 2: PC settings for Mac Elick here for Windows

3. Set up a fixed IP address.

* The fields for settings are left blank. Please use them to write down your own settings, etc.

5. From the [Configure IPv4] pull-down menu, select [Manually].

. . .

- 6. Enter the IP address [
- 7. Enter the subnet mask [. . .].
- 8. Enter the router [. . .
- 9. Select [Advanced...] \rightarrow [DNS] \rightarrow [+].

	Network Q Search	O C > III Network Q Search	O O C > IIII Network Q Search
Locatio	m: Fixed IP Status: Not Connected The cable for Belkin USB-C LAN is connected, bury our computer does not have an IP address. Configure IPv4: IP Address: Subnet Mask: Router: DNS Server: Search Domains: Fixed IP Status: Status:	Location: Fixed IP BelkinB-C LAN Status: Not Connected The cable for Delkin USB-C LAN is connubutive does not have an IP address. Wi-Fi Status: Off Status: ThundeIt Bridge IP Address: Not Connected Subnet Mask: Router: DNS Server: Search Domains: Search Domains:	ected,
+ - *	Advanced ? Revert Apply	+ - * Advanc	xed ? Apply

|.

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Tool Preparation 2: PC settings for Mac Elick here for Windows

3. Set up a fixed IP address.

* The fields for settings are left blank. Please use them to write down your own settings, etc.

- 10. Enter [. . .] in the field and select [OK].
- 11. Select [Apply].



Camera Tool Preparation 2: PC settings **for Windows** Click here for Mac

- 1. If the PC is connected to other networks, including Wi-Fi, disconnect them in advance.
- 2. Take a note of the MAC address of the PC in advance.

Go to [\blacksquare menu] \rightarrow [Settings] \rightarrow [Network & Internet] \rightarrow [Ethernet] \rightarrow [Ethernet].

← Settings	X	← Settings – □ X
வ் Home	Ethernet	
Find a setting	문 Ethernet	red connection
Status	Polated settings	If you have a limited data plan and want more control over data usage, make this connection a metered network. Some apps might work differently to reduce data usage when you're connected to this network.
n. Wi-Fi	Change adapter options	Set as metered connection
문 Ethernet	Change advanced sharing options	If you set a data limit. Windows will set the metered connection setting for you to help you stay under your limit.
n Dial-up	Windows Firewall	Set a data limit to help control data usage on this network
% VPN	Help from the web	IP settings
ہے۔ (۱) Mobile hotspot	Troubleshooting network connection issues	IP assignment: Automatic (DHCP) Edit
Proxy	Get help	
	2 Give feedback	Properties
		Primary DNS Sufix: Manufacturer: Inter
		Description: Inter(R) Ethernet Connection (4) I219-V Driver version: 12.15.25.6712 Physical address (MAC)
		Сору

Take a note of the "Physical address (MAC)" displayed in [Propaties].

Camera Tool Preparation 2: PC settings For Windows

- 3. Set up a fixed IP address.
 - 1. Select [Edit] button in IP settings.
 - 2. From the [Edit IP settings] pull-down menu, Select [Manual].

← Settings – □ X	← Settings — □ X
☆ Ethernet	☆ Ethernet
Metered connection	Metered connection
If you have a limited data plan and want more control over data usage, make this connection a metered network. Some apps might work differently to reduce data usage when you're connected to this network.	If you have a limited data plan and want more control over data usage, make this connection a metered network. Some apps might work differently to reduce data usage when you're connected to this network.
Set as metered connection Off Off	Set as metered connection Off
If you set a data limit, Windows will set the metered connection setting for you to help you stay under your limit.	If you set a data limit, Windows will set the met for you to help you stay under your limit.
Set a data limit to help control data usage on this network	e data limit to help control data usage on tr Manual
IP settings	IP settings Save Cancel
IP assignment: Automatic (DHCP) Edit	IP assignment: Automatic (DHCP)
Properties	Properties
Primary DNS Sufic: Inter Manufacturer: Inter(R) Description: Inter(R) Ethernet Connection (4) I219-V Driver version: 12.15.25.6712 Physical address (MAC) Inter(R)	Primary DNS Sufice Inter Manufacturer: Inter Description: Inter(R) Ethernet Connection (4) I219-V Driver version: 12.15.25.67.12
Сору	Сору

Camera Tool Preparation 2: PC settings = for Windows

1.

3. Set up a fixed IP address.

* The fields for settings are left blank. Please use them to write down your own settings, etc.

- 3. In the Edit IP settings menu, set [IPv4] to [On].
- 4. Enter the IP address [. . .
- 5. Enter Subnet prefix length [. . .].
- 6. Enter Preferred DNS [. . .
- 7. Enter Alternate DNS [. . .].
- 8. After entering the above, select [Save].

Manual	\sim
Pv4	
On On	
IP address	
Subnet prefix length	
. .	
Gateway	
Preferred DNS	
Alternate DNS	
Pv6	

Remote Camera Tool Table of Contents > Step by Step Guide #5:Settings to Use a Fixed IP Address Preparation 3: Camera settings

1. Go to [MENU]→[Network2]→[Wired LAN Settings]→[Display Wired LAN Info.] and take a note of the MAC Address of the camera in advance.



 Go to [MENU]→[Network]→[Wired LAN Settings]→[IP Address Setting] and set it to [Manual]. 。



Camera Tool Preparation 3: Camera settings



- 3. Enter IP address[....
- 4. Enter Subnet mask [. . .
- 5. Enter Default Gateway [
- 6. Enter Primary DNS Server [. .
- 7. Enter Secondary DNS Server [
- 8. Select [OK].



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* The fields for settings are left blank. Please use them to write down your own settings, etc.

Remote Table of Contents > Step by Step Guide #5:Settings to Use a Fixed IP Address Camera Tool Preparation 3: Camera settings.

- 9. From the [MENU] button, go to [Network1] \rightarrow [PC Remote Function] \rightarrow [PC Remote], set it to [On].
- 10. Select [PC Remote Cnct Method] and set it to [Wired LAN].

