BRIAN WORLEY
PHOTOGRAPHY • TRAINING • WRITING

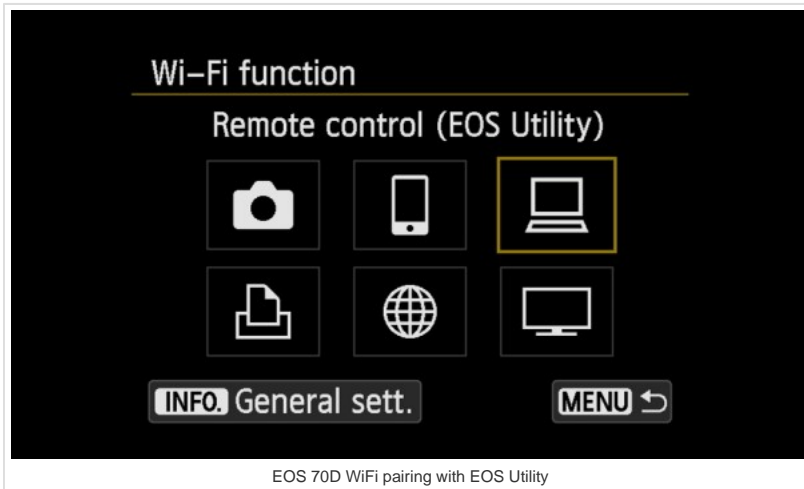photography   training   writing   diary   contact

WiFi pairing your WiFi EOS camera with EOS Utility 3.0

25 August, 2014 | Posted in: Photo software

WiFi pairing is the process of ensuring that your computer is able to recognise your camera on a network and connect to it. It is necessary to carry out the WiFi pairing process for each camera, and each network you will use.
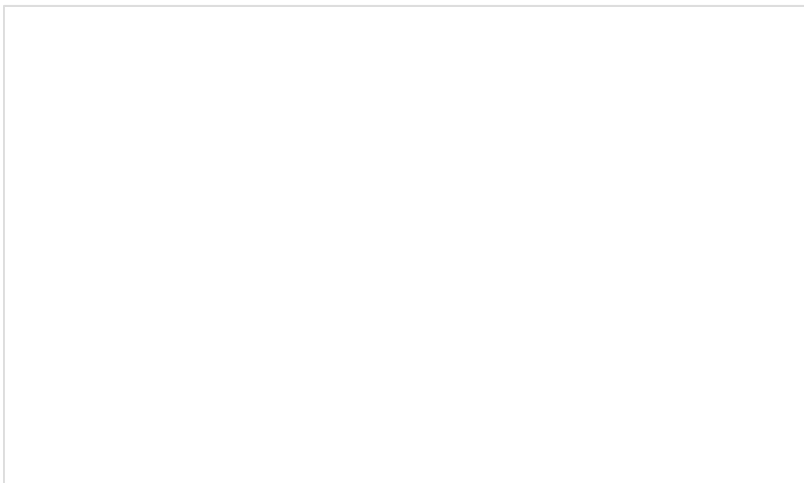
WiFi pairing is like the paring process to get a mobile phone to pair with your car using Bluetooth. A camera can pair with multiple different networks and devices, and store them. It will only operate with one device at a time.

Start WiFi pairing from the camera

EOS 70D WiFi pairing with EOS Utility

WiFi pairing is initiated on the camera LCD menu, you need to choose EOS Utility as the type of connection, then follow the steps on the camera menu to configure the network settings. Near the end of the process the camera prompts you to start the pairing software on your computer, this is your cue to run EOS Utility.

EOS Utility 3.0 WiFi pairing

Can I help you with an answer to your photo question?

🐦 **#askBrian**

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EOS Utility launcher ready for WiFi pairing

With the release of **EOS Utility** 2.14 and **EOS Utility 3.0** Canon have changed the process for WiFi pairing your EOS camera with your computer. Canon has added an EOS Utility Launcher that will start if you try to run EOS Utility when no cameras are connected to the computer with USB. The software assumes that no connected cameras means that you will connect a camera with WiFi.

Click the **Pairing over WiFi / LAN** button to show any cameras that are detected on your network as part of the WiFi pairing setup on the camera. This will display the dialog box so that you can select your camera on the network.

Camera found on network

Detected cameras on the network will be shown, and you select the correct camera and click connect. The computer displays a message to ask you to check the instructions on the camera LCD. The camera display will change and you can save the settings for later recall.

In reality the process of WiFi pairing EOS cameras using **EOS Utility 3.0** and EOS Utility 2.14 is the same for now.

Lightroom and WiFi connected EOS cameras

upcoming workshops & events

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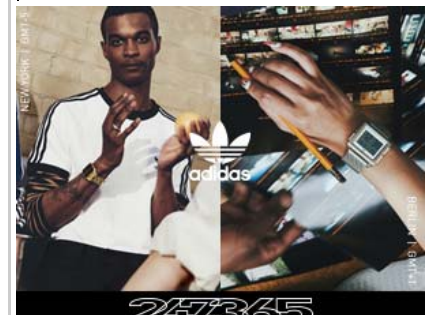*14-JAN-2020*

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Presentation for Newbury Camera Club
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see more…

Some time ago I wrote a post about tethering the EOS 6D to Lightroom. I then needed to update it to explain how the EOS 70D could be tethered to Lightroom 5.x too. Thanks to a question from Ashley Bee in the comments of the later article I wrote this post.

Don't forget that you can download the updates to your Canon EOS Utility directly from Canon's website, plus if you don't have an CD-ROM drive in your machine you can even download the whole EOS Solution Disk which can then be updated using future updates.

About the author

Brian Worley

Full-time photo tutor and photographer. I love to share my knowledge and skills to make photos, videos and teach others. I write books and articles for photo magazines and I always have at least one Speedlite flash in my camera bag

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77 Responses to *WiFi pairing your WiFi EOS camera with EOS Utility 3.0*

Austin Fox   17 September, 2014

Can you explain why EOS Utilities insists that I pair my Canon 7d to a LAN/Wifi network? I do not use my camera as a network device. It has no Wifi card and I do not have a LAN to connect to.

Reply

Brian Worley   18 September, 2014

Hi Austin,

Thanks for the question. In the recent editions of EOS Utility there's the new EOS Utility launcher, this is what pops up the WiFi pairing message seen above. It pops up every time you try and start EOS Utility with no EOS camera connected on USB.

Have you tried connecting your camera with USB to the computer, usually it should start EOS Utility and bypass the pairing screen.

Brian / p4pictures

Reply

Keith   5 February, 2015

Hi Brian, do you know if it is possible to control the camera from a laptop via wifi when connected directly without a separate wireless access point as you would with a mobile device and app.

I have a windows 8 tablet (no app available) and I would like to use this for controlling the camera when taking shots outside.

I can setup the camera as a wifi hotspot and join the cameras wifi network from the tablet/laptop. I can also ping the ip of the camera from the tablet/laptop so communication is working.

But when pairing it finds no camera and when opening the app the control options are grayed out.

I am running the latest version of software.

Thanks in advance for any help.

Keith

Reply

phm   5 May, 2016

This is the single most interesting question here, yet it seems to be the only one not answered by the author of the article.

@Keith: Have you worked it out?

Or does anyone else have an answer? I would really apreciate it.

Reply

Brian Worley   6 May, 2016

Hi Keith & phm,

Yes you can control the camera from a laptop via WiFi without using an access point. The camera effectively becomes the access point for the laptop.

You need to choose camera access point mode for the communications.

However not all the cameras with WiFi are enabled to work over Wifi with EOS Utility. The EOS 750D / EOS 760D can only connect to iOS or Android devices over WiFi. EOS 70D, EOS 80D and EOS 6D can all connect to EOS Utility on Windows/Mac using Wifi and no access point.

There's no app for Windows 8 tablets.

Brian / p4pictures

Reply

Quang   7 May, 2016

what the true range of wifi canon 70d

Reply

Brian Worley　　　　　8 May, 2016

Specifications say it is 30m, but like all WiFi devices a whole set of factors will reduce this and few increase it.

Indoors the walls, big bits of metal and the presence of large bodies of water like fish tanks all reduce the range. You might get more than 30m outside in open space.

Brian / p4pictures

Raymond Baxter　　　　　6 April, 2018

That is the issue that I am having, no laptop icon on the 750D. Pity its not much bother to connect the USB, but why exclude the 750D it seems so petty minded!

Reply

Kornel　　　　　2 December, 2018

Sorry, this does not work unless you have another LAN adapter on your notebook connected to Internet. If you are in the field without LAN internet or you have just one Wifi adapter on the notebook (most users) bad luck. Canon EOS utility requires from some (stupid) strange reason Internet connection. Very bad design, making camera Wifi practically unusable 🙁

Be warned, unless you work in this setup Canon->Wifi->Notebook->LAN->Internet forget EOS Utility…

Reply

Brian Worley　　　　　2 December, 2018

Hi Kornel,

I think you are mistaken. I have successfully connected several different camera models to a laptop with EOS Utility using a Wi-Fi connection and no other access point operating.

There are two possible ways to connect, the camera can create a Wi-fi hotspot itself that you connect the laptop to, or you can use an existing Wi-Fi network hotspot and connect both camera and computer to that.

The only odd issue with the camera creating the hotspot, is that when you turn the camera off, the laptop usually starts hunting for another network, and if it finds something, then it stays with that new one, not the camera one.

Hope this straightens things out for you?

Brian / p4pictures

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waldomiro aita　　　　　31 March, 2015

Hello Brian!

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