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Canon 5D Classic and Canon 20D

Tethering to Windows XP Mode Running On Windows 7 Professional Computer And Lightroom 3

A "how-to" guide

I have read and done much research on how to tether my two older Canon Digital Single Lens Reflex (DSLR) cameras. Much to my chagrin there are lots of posts and forums, but none of them have worked for me. So after trial and error and figuring it out, I have set about to write up a procedure, not for you, but for me just in case I ever have to do this again. A little back story would be appropriate about now.

Last year (2016) I got this urge to run my cameras tethered. I read that Lightroom 3 (LR3) supports my older DSLR. So off I go to get LR3. The hitch is I had to use Windows XP Pro (WXP) and even though I have two XP machines, they were way too slow. The end result was using Window XP Mode (WXPM) on my Windows 7 Pro (W7P) computer. I got the whole thing up and running and soon my DSLR cameras were tethered and I was one happy camper.

Move forward to 11/2017. For some unknown reason (actually I do know but won't tell) I deleted the whole mess and could not get it working again. I spent two days reading, trying, reading, trying, and nothing happened. So I decided this would be a good time to buy a faster XP computer and be done with this.

While staring aimleesly at my W7P computer I had a microburst flashback throught the space time continuum. I opened WXPM, loaded the 20D driver for the umteenth time. Played with a function in WXPM and bang! the dang thing started working again. I then loaded the driver for the 5D and ditto, it also started working again.

What about that computer I ordered? It turns out that the seller changed some parts in the machine that did not match up to the description. So I sent it back and

got a refund. WHOOT!

Here are the procedures as I have done them. I cannot guarantee that they will work for you. But at least you can try.

1. **On your W7 machine, load WXPM. There's lots of info available on how to do that.**
2. **Open WXPM to the desktop, if it is not already done.**
3. **Insert your Canon CD that came with the camera. For me it was Ver 9.1 (20D) and Ver 14.2 (5DC).**
4. **Install only the EOS Utility (or EOS Viewer) and the WIA drivers. This is done with Custom Install. If you want to load all the Canon Solution software that will not be a problem.**
5. **After install is completed, remove the CD and connect the camera to the computer.**
6. **Turn on the camera. You should hear a beep indicating something was connected. You may also get a message that no drivers were found. Ignore.**

Here is where the magic for me occurred. Before this I could not get anything working

7. **At the top of the WXPM desktop there are options: Action / USB / Ctrl-Alt-Del. We want to use the USB option.**
8. **Click on the USB pointer and it will open.**
9. **You should see "Canon Digital Camera – Attach"**
10. **Click on the "Canon Digital Camera" and the computer will then load the drivers. If you get an error such as no drivers found, you may have loaded them too many times (like I did). You will need to Uninstall all the Canon software and drivers and start again from Step 3.**
11. **Open EOS Utility (or EOS Viewer). All the options should now be available.**
12. **You should now see the camera tethered to the computer.**
13. **You can now open LR3 and select Tethered. The camera model should appear.**
14. **If you turn off the camera, you will need to reconnect via the USB option when turning the camera back on. This will need to be done everytime you start WXPM and connect the camera, or change cameras.**

Some points to make here.

- **DO NOT click on the "Unidentified Device" in the USB window. Who knows what will happen. I did and found myself looking at me. It activated my video camera on my laptop.**

- **When first loading WXPM it will want to update XP. Let it do that, but DO NOT let your computer hibernate or sleep or anything. If the updates are interrupted you may get locked out of WXPM. It will have to be uninstalled and reinstalled. A pain in the rear.**
- **DO NOT try and load your drivers in W7. They will not work and may end up clogging up your system registry. I did that several times and ended up going in the registry to remove all the attempts at loading the drivers.**
- **When exiting WXPM, you may see an error in W7 saying the drivers were not loaded. Ignore that and just close the warning.**
- **And finally, all systems are different. You may find a different way to do this. I cannot help with anything. I am sorry. Like I said above, this is for me in case I do something stupid again.**

Good Luck