Tested Cameras

Jun 2017

So far I have tested four DSLRs (all Canon) and have had different results, so lets look at them to see what I could do (or could not wah!)

Canon EOS-M

This is the original Canon EOS-M model.

```
gphoto2 --auto-detect


Model                          Port
----------------------------------------------------------
Canon EOS M                    usb:001,027
```

So yes, we can auto detect the camera.

```
gphoto2 --capture-image


*** Error ***
Sorry, your camera does not support generic capture
ERROR: Could not trigger capture.
*** Error (-6: 'Unsupported operation') ***

For debugging messages, please use the --debug option.
Debugging messages may help finding a solution to your problem.
If you intend to send any error or debug messages to the gphoto
developer mailing list <gphoto-devel@lists.sourceforge.net>, please run
gphoto2 as follows:

    env LANG=C gphoto2 --debug --debug-logfile=my-logfile.txt --trigger-capture

Please make sure there is sufficient quoting around the arguments.
```

So we are unable to capture files from gphoto using the EOS-M

```
gphoto2 --get-all-files

Yes
```

Yes, we were able to pull all of the files from the EOS-M, so we can use a backup solution for this camera, but no intervalometer functions.

Canon EOS 550D

Now for my trusty Canon EOS 550D, a camera I really love, although it's getting a little old now.

```
gphoto2 --auto-detect

Model                          Port
----------------------------------------------------------
Canon EOS 550D                 usb:001,030
```

Camera auto-detected okay.

```
gphoto2 --capture-image
```

Yes, this worked fine.

```
gphoto2 --capture-image-and-download
```

Hmm, worked initially, then stopped working. Seemed to work in Manual, but no other modes. Once it stopped working I never got it going again.

```
gphoto2 --get-all-files
```

Yes, this worked without any issues.

Canon EOS 700D

Now for the newer Canon EOS 700D, lets see if a newer model supports everything.

```
<file>
gphoto2 --auto-detect

Model                          Port
----------------------------------------------------------
Canon EOS 700D                 usb:001,007
```

```
gphoto2 --capture-image
```

Yes, no problems.

```
gphoto2 --capture-image-and-download
```

Again, interminttant, Would work for a while, then stop.

```
gphoto2 --get-all-files
```

Yes, no problem with file transfer.

Canon EOS 5DMK2

Now for the Full Frame Canon EOS 5DMK2, Remember, at time of writing this is a 9 year old DSLR.

```
gphoto2 --auto-detect

Model                          Port
----------------------------------------------------------
Canon EOS 5D Mark II           usb:001,011
```

Yes, auto-detect works fine.

```
gphoto2 --capture-image
```

No.

```
gphoto2 --capture-image-and-download
```

No.

```
gphoto2 --get-all-files
```

Yes, works without any issues.

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