

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!)

It seems the problems with the **capture-download** are to do with shutter speed, if you have a longer exposure (say 2 seconds) **gphoto2** times out. If you are using 1/125, it's fine.

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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