

darktable - Camera Support #12205

Canon 5DS: mRaw/sRaw support

05/19/2018 10:43 AM - Emre Safak

Status:	Fixed	Start date:	05/19/2018
Priority:	Low	Due date:	
Assignee:	Roman Lebedev	% Done:	100%
Category:	Darkroom	Estimated time:	0.00 hour
Target version:	2.6.0		
Affected Version:	2.4.3		

Description

I'm having trouble editing certain pictures taken with my 5Ds. I note that the lens is incorrectly identified as a 300mm f/2.8L IS II when they were taken with a Tamron 28-70mm f/2.8 G2.

Associated revisions

Revision 82bc887f - 07/09/2018 08:28 PM - Roman Lebedev

RawSpeed submodule update: RW2 decompressor rewrite (20-30% faster), Canon EOS 5DS[R] mRAW/sRAW support; 1-component LJPEG's support.

Fixes #12205.

Fixes #12242.

History

#1 - 06/16/2018 02:48 PM - Roman Lebedev

- Tracker changed from Bug to Camera Support
- Subject changed from 5Ds: Failed to read camera white balance information to Canon 5DS: mRaw/sRaw support
- Status changed from New to Incomplete
- Assignee set to Roman Lebedev
- % Done changed from 0 to 20

```
[rawspeed] (IMG_0879.CR2) bool rawspeed::RawDecoder::checkCameraSupported(const rawspeed::CameraMetaData *, const std::__cxx11::string &, const std::__cxx11::string &, const std::__cxx11::string &), line 168: Camera 'Canon' 'Canon EOS 5DS', mode 'sRaw1' not supported, and not allowed to guess. Sorry.
```

Please take one slightly overexposed raw shoot per each raw mode (RAW, mRAW, sRAW) per each ISO level you can set on that camera, including all sub-iso levels, and extended low/high iso if any, pack them into one archive, upload them somewhere, e.g. dropbox, and post the link.

I'll take it over from there.

#2 - 07/09/2018 06:29 PM - Emre Safak

[Here are the files.](#) Thanks a lot!

#3 - 07/09/2018 07:53 PM - Roman Lebedev

- Status changed from Incomplete to In Progress
- % Done changed from 20 to 50

Emre Safak wrote:

[Here are the files](#). Thanks a lot!

Thanks for the samples.

For future reference, that is **not** what i meant by slightly over-exposed :)

I meant a normal, viewable image, but maybe with +1EV exp correction, at most.

#4 - 07/09/2018 08:00 PM - Emre Safak

These have +2/3 EV correction. I just shot the wall in front of me; that's why they might look weird.

#5 - 07/09/2018 08:08 PM - Roman Lebedev

Emre Safak wrote:

These have +2/3 EV correction.

I just shot the wall in front of me; that's why they might look weird.

That's the point, something less wall-y would be nice, but no need to reshoot, these will do.

#6 - 07/09/2018 08:17 PM - Emre Safak

I have an IT8 calibration target, if it helps. Sorry for the trouble.

#7 - 07/09/2018 08:32 PM - Roman Lebedev

Emre Safak wrote:

I note that the lens is incorrectly identified as a 300mm f/2.8L IS II when they were taken with a Tamron 28-70mm f/2.8 G2.

I'm afraid this i won't be fixing. It's quite typical problem with off-brand lenses.

Normally exiv2 would be handling that, but i think they just gave up on that..

#8 - 07/09/2018 09:00 PM - Roman Lebedev

- Status changed from *In Progress* to *Fixed*

- % Done changed from 50 to 100

Applied in changeset [darktable|82bc887f71c44ec456cbfee6924a2d83d3d9abae](#).

#9 - 07/09/2018 09:13 PM - Emre Safak

If it gets fixed at their end, does it get fixed here too? [I found their ticket](#).

#10 - 07/09/2018 09:45 PM - Roman Lebedev

Emre Safak wrote:

If it gets fixed at their end, does it get fixed here too? [I found their ticket](#).

Well, it **should**, but since exiv2 is a system library, it will only get fixed for you once your distribution updates to that version. And all that is assuming darktable is reading the right EXIF field.

#11 - 07/14/2018 11:54 PM - Roman Lebedev

- Target version set to 2.6.0

Files

IMG_0879.CR2	33.2 MB	05/19/2018	Emre Safak
--------------	---------	------------	------------