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