

darktable - Camera Support #11911

SJCAM SJ6 LEGEND Support

01/07/2018 05:02 PM - pass 712

Status:	Fixed	Start date:	01/07/2018
Priority:	Low	Due date:	
Assignee:	Roman Lebedev	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2.6.0		
Affected Version:	git master branch		
Description			
Hi,			
please add support for the SJCAM SJ6 LEGEND. I just added 3 RAW files via raw.pixl.us in different FOV / resolution.			
SJCAM provides a DNG converter, but while LR does, DT can't read the converted DNGs (see screenshot).			
Additional files (tif, dng) can be provided if needed. Please send me a note.			
Additional info and sources of the DNG converter can be found here: https://sjcam.com/de/sjcam-raw-v1-2-0/			
Thanks a lot Jürgen			

Associated revisions

Revision 86c99762 - 01/18/2018 07:32 PM - Roman Lebedev

Sjcam SJ6 LEGEND color matrix. Refs. #11911

Revision 83c0a7c5 - 01/18/2018 08:13 PM - Roman Lebedev

RawSpeed submodule update: metric craptop of fuzzing fixes, some camera support.

Fixes #11893.

Fixes #11940.

Closes #11911. <- i don't see how this can be resolved.

Revision 0818ef6c - 01/21/2018 12:19 PM - Roman Lebedev

Sjcam SJ6 LEGEND color matrix. Refs. #11911

(cherry picked from commit 86c99762b8d870d84afca38fea2edaaab684d39f)

History

#1 - 01/07/2018 05:05 PM - Roman Lebedev

- Assignee set to Roman Lebedev

- Affected Version changed from 2.4.0rc0 to git master branch

#2 - 01/07/2018 07:51 PM - Roman Lebedev

- File 2018_0107_140544_001.dng added

Here is one dng from that converter.

0x0102	Exif.Image.BitsPerSample	Short	3	6	16	16	16	16	16	16	16
0x0106	Exif.Image.PhotometricInterpretation	Short	1	2	32803	Color	Filter	Array			
0x0115	Exif.Image.SamplesPerPixel	Short	1	2	3	3					

So uint16, but 3 channels AND CFA.
And that makes no sense. Never seen anything like it.

#3 - 01/07/2018 09:01 PM - pass 712

Hi Roman,

thanks for your fast response. I have to admit that I'm only a user of darktable, not a programmer ;-) and do not completely understand what you stated. Looks for me as if it would be easier to directly read the RAW File. Any chance to see this in one of the next releases ?

Greets
Jürgen

#4 - 01/18/2018 08:10 PM - Roman Lebedev

- Status changed from *New* to *In Progress*
- % Done changed from 0 to 50

So good news bad news.

Good: i have added support for those two smaller raw files.

Bad: the largest raw clashes with already-existing raw (GITUP GIT2P chdk-b).
Since the only way this matching can be done and is being done is by matching the filesize, this was inevitably bound to happen sooner or later.
I am unaware of how this can be resolved.

#5 - 01/18/2018 08:40 PM - Roman Lebedev

- Status changed from *In Progress* to *Fixed*
- % Done changed from 50 to 100

Applied in changeset [darktable|83c0a7c5bf2409d2db635cd895bc8ceaf2ee7155](https://github.com/darktable/darktable/commit/83c0a7c5bf2409d2db635cd895bc8ceaf2ee7155).

#6 - 01/18/2018 08:45 PM - Roman Lebedev

- Target version set to 2.6.0

#7 - 01/19/2018 07:23 PM - pass 712

Hi Roman,

thanks a lot !

Nice weekend
Jürgen

Files

Clipboard01.png	296 KB	01/07/2018	pass 712
2018_0107_140544_001.dng	21.8 MB	01/07/2018	Roman Lebedev