

## Exiv2 - Bug #926

### Lens matching on Canon

13 Oct 2013 17:14 - Steve Fosdick

<b>Status:</b>	Closed	<b>Start date:</b>	13 Oct 2013
<b>Priority:</b>	Normal	<b>Due date:</b>	31 Aug 2014
<b>Assignee:</b>	Niels Kristian Bech Jensen	<b>% Done:</b>	100%
<b>Category:</b>	metadata	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.25		
<b>Description</b>			
<p>I am currently having trouble with the recognition of a Sigma 150-500mm f/5-6.3 lens on Canon. This lens gives a lens ID of 174 and I recently submitted a patch (issue 921) to include this lens in the list embedded in canonmn.cpp. This works for some pictures and not others.</p> <p>Eviv2 was changed recently to take the maximum aperture of a lens into account for some ID numbers and looking at those pictures where the lens is recognised correctly versus those where it is not what I believe is happening is that the lens reports the maximum aperture for the focal length it is currently set to whereas the code in canonmn.cpp assumes the lens will report the maximum aperture at any focal length. Thus depending on the focal length for that picture the maximum aperture value either matches or doesn't.</p> <p>Any idea how to resolve this?</p> <p>BTW I have reported this as a separate issue because I suspect it will affect more than just this lens, i.e. any case where a variable aperture zoom appears in an ID conflict.</p>			
<b>Related issues:</b>			
Related to Exiv2 - Bug #927: Sigma Lens Not detected		<b>Closed</b>	<b>18 Oct 2013 31 Aug 2014</b>
Related to Exiv2 - Bug #938: Tamron 18-270 is not detected anymore		<b>Closed</b>	<b>18 Dec 2013 31 Aug 2014</b>
Related to Exiv2 - Patch #982: Improve detection of Canon lenses sharing the ...		<b>Closed</b>	<b>15 Aug 2014 31 Aug 2014</b>

### Associated revisions

#### Revision 3340 - 30 Aug 2014 21:00 - Niels Kristian Bech Jensen

Fix issue #982: Improve detection of Canon lenses sharing the same IDs. Also fixes issues #926, #927, and #938. Thanks goes to Alexander Steffen for the patch.

### History

#### #1 - 14 Oct 2013 06:34 - Niels Kristian Bech Jensen

- Category set to metadata
- Assignee set to Niels Kristian Bech Jensen
- Target version set to 0.25

Hi Steve.

Would it be possible for you to attach some test images to this report? I would like some images where the lens is detected correctly and some where it is not detected. Small JPEGs with full EXIF data are fine.

Best regards,  
Niels Kristian Bech Jensen

#### #2 - 14 Oct 2013 08:51 - Steve Fosdick

- File 20131014\_163513\_1136.jpg added
- File 20131014\_163522\_1137.jpg added
- File 20131014\_163556\_1142.jpg added

Here are some pictures going through the zoom range. There are more pictures in the set but here I have included one picture for each distinct maximum aperture reported by the lens and only the one where the maximum aperture is reported as F5 works correctly.

#### #3 - 15 Oct 2013 04:55 - Niels Kristian Bech Jensen

- Status changed from New to Assigned

**#4 - 30 Aug 2014 21:11 - Niels Kristian Bech Jensen**

- Due date set to 31 Aug 2014

- Status changed from Assigned to Resolved

Fixed by [r3340](#).

Best regards,  
Niels Kristian Bech Jensen

**#5 - 30 Aug 2014 21:11 - Niels Kristian Bech Jensen**

- % Done changed from 0 to 100

**#6 - 21 Jun 2015 16:42 - Andreas Huggel**

- Status changed from Resolved to Closed

**Files**

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20131014_163513_1136.jpg	528 KB	14 Oct 2013	Steve Fosdick
20131014_163522_1137.jpg	502 KB	14 Oct 2013	Steve Fosdick
20131014_163556_1142.jpg	499 KB	14 Oct 2013	Steve Fosdick