

## Exiv2 - Bug #1030

### Samyang 14mm Pro lens recognition

15 Feb 2015 13:33 - Martin Jones

<b>Status:</b>	Closed	<b>Start date:</b>	15 Feb 2015
<b>Priority:</b>	Normal	<b>Due date:</b>	14 Apr 2015
<b>Assignee:</b>	Niels Kristian Bech Jensen	<b>% Done:</b>	0%
<b>Category:</b>	metadata	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.25		
<b>Description</b>			
This lens seems to be recognised by default as a fisheye lens, however the 14mm from Samyang is a rectilinear lens.			

#### History

##### #1 - 18 Feb 2015 16:43 - Niels Kristian Bech Jensen

- Category set to metadata
- Status changed from New to Assigned
- Assignee set to Niels Kristian Bech Jensen
- Target version set to 0.26

Please attach or link to a sample image file. A small unmodified JPEG from the camera and lens in question will be fine.

Best regards,  
Niels Kristian Bech Jensen

##### #2 - 20 Feb 2015 12:30 - Martin Jones

Hello,

here a dropbox link. Please let me know once downloaded so I can delete the image accordingly.  
Image is directly from the D7100 on smallest jpeg setting. Image size approx. 1.2mb

[https://www.dropbox.com/s/plu4nbqna119a3y/DSC\\_3609.JPG?dl=0](https://www.dropbox.com/s/plu4nbqna119a3y/DSC_3609.JPG?dl=0)

Thanks  
Martin

##### #3 - 20 Feb 2015 14:34 - Niels Kristian Bech Jensen

Thank you for the file. I have downloaded it and will investigate the problem.

Best regards,  
Niels Kristian Bech Jensen

##### #4 - 22 Feb 2015 17:03 - Martin Jones

thanks for the confirmation. I look forward to your feedback.

Please note that the problem is apparent for me when importing NEF files into DARKTABLE. The lens correction module which uses the EXIV2 library recognises the lens as a fisheye by default. I then have to manually change each time to rectilinear.

Regards  
Martin

##### #5 - 13 Apr 2015 03:25 - Niels Kristian Bech Jensen

Neither I nor Robert Rottmerhusen can find anything wrong with the metadata in the JPEG. Could you please attach or link to a raw file so I can check if it is something specific to raw files or lensfun.

Best regards,  
Niels Kristian Bech Jensen

##### #6 - 13 Apr 2015 05:12 - Martin Jones

Hi Niels,

here a RAW file for you.

[https://www.dropbox.com/s/63gufk0atu0pdch/DSC\\_3553.NEF?dl=0](https://www.dropbox.com/s/63gufk0atu0pdch/DSC_3553.NEF?dl=0)

Again, please let me know once downloaded.

Regards  
Martin

**#7 - 14 Apr 2015 03:08 - Niels Kristian Bech Jensen**

- File *UFRawSamyang14mm.jpg* added
- Due date set to 14 Apr 2015
- Status changed from *Assigned* to *Resolved*
- Target version changed from 0.26 to 0.25

Thank you for the raw file. I have checked it using UFRaw with both Exiv2 0.23/lensfun 0.2.8 and Exiv2 0.25 (current svn trunk)/lensfun 0.3.0. Both systems recognize the lens as rectilinear (see attached screenshot).

I mark this report as resolved.

Best regards,  
Niels Kristian Bech Jensen

**#8 - 14 Apr 2015 03:23 - Niels Kristian Bech Jensen**

- File deleted (*UFRawSamyang14mm.jpg*)

**#9 - 14 Apr 2015 03:23 - Niels Kristian Bech Jensen**

- File *UFRawSamyang14mm.jpg* added

**#10 - 14 Apr 2015 08:31 - Martin Jones**

that is very strange. I use darktable and when I activate the lens correction module it Defaults to a fish-eye representation of the Image. Looks like I Need to contact the guys at darktable. In the future I will check the Image with UFRaw and Rawtherapee.  
thanks for your help

**#11 - 21 Jun 2015 16:39 - Andreas Huggel**

- Status changed from *Resolved* to *Closed*

**Files**

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UFRawSamyang14mm.jpg	47.7 KB	14 Apr 2015	Niels Kristian Bech Jensen
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