

## Exiv2 - Feature #1351

### Add lens: Sigma 120-300mm f/2.8 G VR

04 May 2018 22:15 - Nikolai Försterling

|   |             |                        |                    |
|---|-------------|------------------------|--------------------|
| <b>Status:</b>  | Closed      | <b>Start date:</b>     | 04 May 2018        |
| <b>Priority:</b>  | Normal      | <b>Due date:</b>       |                    |
| <b>Assignee:</b>  | Robin Mills | <b>% Done:</b>         | 100%               |
| <b>Category:</b>  | lens        | <b>Estimated time:</b> | 1.00 hour          |
| <b>Target version:</b>  | 0.27        |                        |                    |
| <b>Description</b>  |             |                        |                    |
| Using exiv2 0.25 001900 (64 bit build) (exiv2 0.25-3.1) in Ubuntu Bionic Development, this lens isn't recognized. Unlike <a href="#">#1252</a> (ID 174), this ID 154 is the (newer) sigma sports series.  |             |                        |                    |
| <pre>[23:11][nf@fox:~]\$ exiv2 -pv 20151222_121133_D7000_300mm_3000.nef grep -i lens 0x0083 Nikon3    LensType        Byte    1 14 0x0084 Nikon3    Lens            Rational  4 1200/10 3000/10 28/10 28/10 0x008b Nikon3    LensFStops      Undefined 4 72 1 12 0 0x000c NikonLd3  LensIDNumber    Byte    1 154 0x000d NikonLd3  LensFStops      Byte    1 72 [00:15][nf@fox:~]\$ exiftool 20151222_121133_D7000_300mm_3000.nef grep -i lens Lens Type           : G VR Lens                : 120-300mm f/2.8 Lens Data Version   : 0204 Lens ID Number      : 154 Lens F Stops        : 6.00 Lens ID              : Unknown (9A 48 6E 8E 24 24 4B 0E) Lens Spec           : 120-300mm f/2.8 G VR</pre> |             |                        |                    |
| <b>Related issues:</b>  |             |                        |                    |
| Related to Exiv2 - Feature #1349: Add lens: Sigma 50-100mm F1.8 DC HSM   A  |             | <b>Closed</b>          | <b>04 May 2018</b> |

## History

### #1 - 05 May 2018 04:38 - Robin Mills

- Status changed from New to Assigned
- Assignee set to Robin Mills
- Target version set to 0.27
- % Done changed from 0 to 10
- Estimated time set to 1.00 h

Please provide a sample image as discussed in [#1349](#) Thanks.

### #2 - 05 May 2018 09:13 - Nikolai Försterling

- File 20180405\_104918\_D750\_2136\_002136\_300mm\_2072\_2549.jpg added

jpeg exported from darktable 2.4.3 as all RAW files are at least 25MB and cannot be posted

### #3 - 10 May 2018 12:50 - Robin Mills

- Status changed from Assigned to Closed
- % Done changed from 10 to 100

Thank you for posting sample\_raw on dropbox. Here's what I see:

```
527 rmills@rmillsmm:~/Downloads/sample_raw $ ls -lt
-rw-----+ 1 rmills staff 29364162 May  6 08:39 20180331_134557_D750_1531_001531_120mm_1474_0483.nef
-rw-----+ 1 rmills staff 28892024 May  6 08:33 20171225_115210_D7100_008610_100mm.nef
-rw-r--r--+ 1 rmills staff  6886065 May  6 03:16 20180405_104918_D750_2136_002136_300mm_2072_2549.jpg
```

Running exiv2 on your images:

```

531 rmills@rmillsmm:~/Downloads/sample_raw $ exiv2 -pa --grep lensidnumber/i *
20171225_115210_D7100_008610_100mm.nef Exif.NikonLd3.LensIDNumber          Byte          1 Sigma 50-1
00mm F1.8 DC HSM | A
20180331_134557_D750_1531_001531_120mm_1474_0483.nef Exif.NikonLd3.LensIDNumber          Byte
1 120-300mm f/2.8 G VR
20180405_104918_D750_2136_002136_300mm_2072_2549.jpg Exif.NikonLd3.LensIDNumber          Byte
1 120-300mm f/2.8 G VR
532 rmills@rmillsmm:~/Downloads/sample_raw $

```

I've extracted the LensIDNumber from your images:

```

532 rmills@rmillsmm:~/Downloads/sample_raw $ exiv2 -pv --grep lensidnumber/i *
20171225_115210_D7100_008610_100mm.nef 0x000c NikonLd3      LensIDNumber          Byte          1 204
20180331_134557_D750_1531_001531_120mm_1474_0483.nef 0x000c NikonLd3      LensIDNumber          Byte
1 154
20180405_104918_D750_2136_002136_300mm_2072_2549.jpg 0x000c NikonLd3      LensIDNumber          Byte
1 154
533 rmills@rmillsmm:~/Downloads/sample_raw $

```

I've updated ~/.exiv2 appropriately:

```

[nikon]
154=Sigma 120-300mm f/2.8 G VR
204=Sigma 120-300mm f/2.8 G VR

```

And the len is correctly identified:

```

533 rmills@rmillsmm:~/Downloads/sample_raw $ exiv2 -pa --grep lensidnumber/i *
20171225_115210_D7100_008610_100mm.nef Exif.NikonLd3.LensIDNumber          Byte          1 Sigma 120-
300mm f/2.8 G VR
20180331_134557_D750_1531_001531_120mm_1474_0483.nef Exif.NikonLd3.LensIDNumber          Byte
1 Sigma 120-300mm f/2.8 G VR
20180405_104918_D750_2136_002136_300mm_2072_2549.jpg Exif.NikonLd3.LensIDNumber          Byte
1 Sigma 120-300mm f/2.8 G VR
534 rmills@rmillsmm:~/Downloads/sample_raw $

```

## Files

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|  |         |             |                     |
|--|---------|-------------|---------------------|
| 20180405_104918_D750_2136_002136_300mm_2072_2549.jpg | 6.57 MB | 05 May 2018 | Nikolai Försterling |
|--|---------|-------------|---------------------|