

Exiv2 - Feature #1142

Manual lens does not get recognized: Beroflex zoom 500mm

22 Dec 2015 21:36 - Simon Harhues

Status:	Closed	Start date:	22 Dec 2015
Priority:	Normal	Due date:	
Assignee:	Niels Kristian Bech Jensen	% Done:	100%
Category:	lens	Estimated time:	1.00 hour
Target version:	0.26		

Description

```
simon@vmubuntu1510:~$ exiv2 --version
exiv2 0.25 001900 (64 bit build) [...]
simon@vmubuntu1510:~$ exiv2 -pt /tmp/fotos/101_2212/_IGP9304.DNG | grep Lens
Exif.PentaxDng.LensType           Byte          3  M-42 oder keine Linsen
Exif.PentaxDng.LensInfo          Undefined    69  0 0 0 0 119 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0
simon@vmubuntu1510:~$ exiv2 -pt /tmp/fotos/101_2212/IMG2252.DNG | grep Lens
Exif.PentaxDng.LensType           Byte          4  M-42 oder keine Linsen
Exif.PentaxDng.LensInfo          Undefined   128  0 0 128 119 0 0 15 160 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
```

Tested with two Pentax bodies. I'm not sure if it is possible to improve the recognition of manual lenses. But now it look pretty generic and not suitable for e.g. lensfun.

The lens is physically labeled as:

```
BEROFLEX -5°- 1:8 f=500mm ø67 846585
```

It is a fixed 500mm zoom lens, the aperture reaches from 8 to 32.

As the raw files are rather big, I've uploaded them to:

<https://www.dropbox.com/sh/3jxyf0free1oewb/AADbZD8kV07dGNTRNxoUxsFRa?dl=0>

I grant you all rights to use them for the further development of exiv2 or other FOSS software.

History

#1 - 22 Dec 2015 21:54 - Robin Mills

- Status changed from New to Assigned

- Assignee set to Robin Mills

- Target version set to 0.26

Thanks, Simon. I'll investigate and update this issue report.

#2 - 23 Dec 2015 04:20 - Niels Kristian Bech Jensen

It is not possible to identify manual lenses since they do not communicate with the camera body. Hence there are no lens metadata available in the file to help identification.

Best regards,

Niels Kristian Bech Jensen

#3 - 23 Dec 2015 09:34 - Robin Mills

- Status changed from Assigned to Closed

- Assignee changed from Robin Mills to Niels Kristian Bech Jensen

- % Done changed from 0 to 100

- Estimated time set to 1.00 h

I don't know what a manual lens is. However if there is no metadata, nothing can be done.

#4 - 28 Dec 2015 19:25 - Robin Mills

This comment on [#1141](#) seems equally valid for this issue. <http://dev.exiv2.org/issues/1141#note-4>

#5 - 28 Dec 2015 21:06 - Simon Harhues

Agreed. Thanks for looking at it!