

Exiv2 - Feature #1370

Add entry for new(ish) lens - Tamron 10-24mm F/3.5-4.5 Di II VC HLD (B023)

05 Oct 2018 19:26 - Robert Sleator

Status:	Closed	Start date:	05 Oct 2018
Priority:	Normal	Due date:	
Assignee:	Robin Mills	% Done:	100%
Category:	lens	Estimated time:	1.00 hour
Target version:	0.27		

Description

This lens is not in the repository at <http://dev.exiv2.org/projects/exiv2/repository/entry/trunk/src/nikonmn.cpp#L1737>

Tamron 10-24mm F/3.5-4.5 Di II VC HLD (Model B023)

<http://www.tamron-usa.com/product/lenses/b023.html>

Output from exiv2 -pt FILENAME | grep -ai lens on image taken with Nikon D7200:

```
Exif.Nikon3.LensType          Byte    1 D G VR
Exif.Nikon3.Lens              Rational 4 10-24mm F3.5-4.5
Exif.Nikon3.LensFStops        Undefined 4 5.33333
Exif.NikonLd3.LensIDNumber    Byte    1 225
Exif.NikonLd3.LensFStops      Byte    1 F5.3
```

History

#1 - 05 Oct 2018 20:36 - Robin Mills

- Category set to lens
- Status changed from New to Closed
- Assignee set to Robin Mills
- Target version set to 0.27
- % Done changed from 0 to 100
- Estimated time set to 1.00 h

Good News. You can fix this for yourself using the file ~/.exiv2 in v0.26 and later.

```
596 rmills@rmillsmbp:~/gnu/github/exiv2/exiv2 $ exiv2 -pa --grep lens/i DSC_2500.JPG
Exif.Nikon3.LensType          Byte    1 D G VR
Exif.Nikon3.Lens              Rational 4 10-24mm F3.5-4.5
Exif.Nikon3.LensFStops        Undefined 4 5.33333
Exif.NikonLd3.LensIDNumber    Byte    1 225
Exif.NikonLd3.LensFStops      Byte    1 F5.3
```

Look at the "value" of the lens:

```
597 rmills@rmillsmbp:~/gnu/github/exiv2/exiv2 $ exiv2 -pv --grep lens/i DSC_2500.JPG
0x0083 Nikon3      LensType          Byte    1 78 <--- This
0x0084 Nikon3      Lens              Rational 4 100/10 240/10 35/10 45/10
0x008b Nikon3      LensFStops        Undefined 4 64 1 12 0
0x000c NikonLd3    LensIDNumber      Byte    1 225
0x000d NikonLd3    LensFStops        Byte    1 64
```

Define that lens in ~/.exiv2

```
598 rmills@rmillsmbp:~/gnu/github/exiv2/exiv2 $ cat ~/.exiv2
[nikon]
78=Tamron 10-24mm F/3.5-4.5 Di II VC HLD (B023)
```

Happiness:

```
599 rmills@rmillsmbp:~/gnu/github/exiv2/exiv2 $ exiv2 -pa --grep lens/i DSC_2500.JPG
Exif.Nikon3.LensType          Byte    1 D G VR
Exif.Nikon3.Lens              Rational 4 10-24mm F3.5-4.5
```

```
Exif.Nikon3.LensFStops          Undefined  4  5.33333
Exif.NikonLd3.LensIDNumber      Byte      1  Tamron 10-24mm F/3.5-4.5 Di II VC HLD (B023)
Exif.NikonLd3.LensFStops        Byte      1  F5.3
600 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2 $
```

This feature is discussed here: [http://dev.exiv2.org/projects/exiv2/wiki/Lens_Recognition_in_Exiv2_v026_\(and_later\)/](http://dev.exiv2.org/projects/exiv2/wiki/Lens_Recognition_in_Exiv2_v026_(and_later)/)

Files

DSC_2500.JPG	1.13 MB	05 Oct 2018	Robert Sleator
--------------	---------	-------------	----------------