

## Exiv2 - Feature #1336

### Support for AF-P DX NIKKOR 10-20mm f/4.5-5.6G VR

02 Feb 2018 20:57 - Šarūnas Burdulis

<b>Status:</b>	Closed	<b>Start date:</b>	02 Feb 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>			
Please add support for this lens on Nikon cameras:			
Nikon AF-P DX NIKKOR 10-20mm f/4.5-5.6G VR			
Manufacturer's webpage for this lens: <a href="https://www.nikonusa.com/en/nikon-products/product/camera-lenses/af-p-dx-nikkor-10-20mm-f%252f4.5-5.6g-vr.html">https://www.nikonusa.com/en/nikon-products/product/camera-lenses/af-p-dx-nikkor-10-20mm-f%252f4.5-5.6g-vr.html</a>			
Exiv2 0.26 reports: \$ exiv2 -pt 10-20mm_F4.5-5.6--010mm--8.0_DSC_0643.NEF  grep -ai lens			
Exif.Nikon3.LensType	Byte	1	D G VR
Exif.Nikon3.Lens	Rational	4	10-20mm F4.5-5.6
Exif.Nikon3.LensFStops	Undefined	4	4.66667
Exif.NikonLd3.LensIDNumber	Byte	1	168
Exif.NikonLd3.LensFStops	Byte	1	F4.7
Link to a RAW file sample (file too big for an upload): <a href="https://math.dartmouth.edu/owncloud/s/F7qinmcwyfD4seO">https://math.dartmouth.edu/owncloud/s/F7qinmcwyfD4seO</a>			

## History

### #1 - 03 Feb 2018 11:57 - 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

<http://dev.exiv2.org/boards/3/topics/3017>

```
505 rmills@rmillsmbp:~/Downloads $ exiv2 -pt --grep lens/i 10-20mm_F4.5-5.6--010mm--8.0_DSC_0643.NEF
Exif.Nikon3.LensType      Byte      1  D G VR
Exif.Nikon3.Lens         Rational  4  10-20mm F4.5-5.6 <--- Built in value
Exif.Nikon3.LensFStops   Undefined  4  4.66667
Exif.NikonLd3.LensIDNumber Byte      1  168
Exif.NikonLd3.LensFStops Byte      1  F4.7
506 rmills@rmillsmbp:~/Downloads $ exiv2 -pv --grep lens/i 10-20mm_F4.5-5.6--010mm--8.0_DSC_0643.NEF
0x0083 Nikon3      LensType      Byte      1  14
0x0084 Nikon3      Lens          Rational   4  100/10 200/10 45/10 56/10
0x008b Nikon3      LensFStops    Undefined  4  56 1 12 0
0x000c NikonLd3    LensIDNumber  Byte      1  168 <----- LensID
0x000d NikonLd3    LensFStops    Byte      1  56
507 rmills@rmillsmbp:~/Downloads $ edit ~/.exiv2
bbedit "/Users/rmills/.exiv2"

508 rmills@rmillsmbp:~/Downloads $ cat ~/.exiv2
[nikon]
168=AF-P DX NIKKOR 10-20mm f/4.5-5.6G VR <--- Define this lensID

509 rmills@rmillsmbp:~/Downloads $ exiv2 -pt --grep lens/i 10-20mm_F4.5-5.6--010mm--8.0_DSC_0643.NEF
Exif.Nikon3.LensType      Byte      1  D G VR
Exif.Nikon3.Lens         Rational   4  10-20mm F4.5-5.6
```

```
Exif.Nikon3.LensFStops          Undefined  4  4.66667
Exif.NikonLd3.LensIDNumber      Byte      1  AF-P DX NIKKOR 10-20mm f/4.5-5.6G VR <----- R
ported
Exif.NikonLd3.LensFStops        Byte      1  F4.7
510 rmills@rmillsmbp:~/Downloads $
```