

darktable - Camera Support #12385

Lens support: 206 aka Tamron 24-70mm G2

11/01/2018 12:53 PM - Roman J

Status:	Closed: upstream	Start date:	11/01/2018
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:	General	Estimated time:	0.00 hour
Target version:	2.6.0		
Affected Version:	2.4.4		

Description

Hi,

The darktable is aware about lens 'Tamron 24-70' V1 [1].
But the improved version 'Tamron 24-70 G2' V2 [2] recognized as lens '206'
Could you please add 'Tamron 24-70 G2' support especially to 'lens correction' module?
Here is review [3] that give more details.
Please let me know if could hep with tests.

Thank you

[1] Lens v1: <https://www.tamron.eu/lenses/sp-24-70mm-f28-di-vc-usd/>
[2] Lens v2: <https://www.tamron.eu/lenses/sp-24-70mm-f28-di-vc-usd-g2/>
[3] Lens v2 review: <https://kenrockwell.com/tamron/24-70mm.htm>

History

#1 - 11/04/2018 07:39 PM - Roman Lebedev

- Status changed from New to Closed: upstream

lens recorgnition (image information module) is exiv2 problem
lens correction module is lensfun problem.
<https://www.darktable.org/about/faq/#faq-external-deps>

#2 - 01/18/2019 06:51 AM - LP Tech

This lens was added in [exiv2 0.27](#).

If using exiv2 0.26, you can [fix the naming locally](#):

```
$ cat ~/.exiv2
```

```
[nikon]  
206=Tamron SP 24-70mm F/2.8 Di VC USD G2 (A032)
```

The lens corrections are available in [lensfun's master branch](#).

You can apply this locally:

```
$ sed -n '228, 325p' /usr/share/lensfun/version_1/slr-tamron.xml
```

```
<lens>  
  <maker>Tamron</maker>  
  <!-- The official name of the lens -->  
  <model>Tamron SP 24-70mm F/2.8 Di VC USD G2 (A032)</model>  
  <!-- The 'LensIDNumber' EXIF tag - use with old versions of exiv2 -->
```

```
<!-- <model>206</model> -->
<mount>Canon EF</mount>
<mount>Nikon F AF</mount>
<cropfactor>1</cropfactor>
<calibration>
  <distortion model="ptlens" focal="24" a="0.03171" b="-0.08853" c="0.03481"/>
  <distortion model="ptlens" focal="29" a="0.0162" b="-0.07314" c="-0.06455"/>
  <distortion model="ptlens" focal="32" a="0.01185" b="-0.02406" c="0.00346"/>
  <distortion model="ptlens" focal="38" a="0.0113" b="-0.02543" c="0.01625"/>
  <distortion model="ptlens" focal="46" a="0.00246" b="0.00392" c="-0.00871"/>
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  <distortion model="ptlens" focal="66" a="-0.00224" b="0.02068" c="-0.02248"/>
  <distortion model="ptlens" focal="70" a="0.00297" b="0.00297" c="-0.004"/>
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  <tca model="poly3" focal="32" vr="1.0003268" vb="0.9998101"/>
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    </calibration>
</lens>
```

Files

Tamron-24-70-G2.JPG	6.14 MB	11/01/2018	Roman J
Screenshot from 2018-11-01 11-51-27.png	6.79 KB	11/01/2018	Roman J