

## Exiv2 - Feature #1215

### Exif.CanonSi.SubjectDistance seems to be in centimeters

26 Aug 2016 14:34 - Niccolo Rigacci

<b>Status:</b>	Closed	<b>Start date:</b>	26 Aug 2016
<b>Priority:</b>	Normal	<b>Due date:</b>	18 Sep 2016
<b>Assignee:</b>	Niels Kristian Bech Jensen	<b>% Done:</b>	100%
<b>Category:</b>	makernote	<b>Estimated time:</b>	1.00 hour
<b>Target version:</b>	0.26		

**Description**

Hi, I have a Canon PowerShot S120

Using exiv2 0.24 (libexiv2-13 0.24) on my Debian box I can read the Exiv metadata. Exif.CanonSi.SubjectDistance is reported without measuring unit, because "units are not clear" (as reported here <http://www.exiv2.org/tags-canon.html>).

I think that unit is centimeters; I shot several photos in manual focus mode, setting approximately the focus on the LCD scalebar. The values registered into the Exif tag are:

```
zero -> 7
10 cm -> 14
20 cm -> 27
50 cm -> 54
1 m -> 102
2 m -> 200
5 m -> 606
infinity -> 6553
```

Reasonable values are also indicated for photos taken in auto-focus mode.

#### Associated revisions

##### Revision 4511 - 18 Sep 2016 02:30 - Niels Kristian Bech Jensen

Fix issue #1215: Exif.CanonSi.SubjectDistance unit.

##### Revision 4520 - 19 Sep 2016 12:38 - Robin Mills

#1215 Update test suite to respect format changes introduced by r4511 (Exif.CanonSi.SubjectDistance)

#### History

##### #1 - 26 Aug 2016 17:05 - Robin Mills

- Tracker changed from Bug to Feature
- Category set to makernote
- Target version set to 0.28

Thanks for reporting this, Niccolo. We're trying to get to feature complete Exiv2 v0.26 at the moment. I'm going to defer this for v0.27.

##### #2 - 18 Sep 2016 02:36 - Niels Kristian Bech Jensen

- Due date set to 18 Sep 2016
- Status changed from New to Resolved
- Assignee set to Niels Kristian Bech Jensen
- Target version changed from 0.28 to 0.26
- % Done changed from 0 to 100
- Estimated time set to 0.00 h

Simple fix. Subject distances are now shown in meters.

Translation templates need to be updated during the release process though.

Best regards,  
Niels Kristian Bech Jensen

**#3 - 18 Sep 2016 05:27 - Robin Mills**

- *Status changed from Resolved to Closed*
- *Estimated time changed from 0.00 h to 1.00 h*

Thank You for dealing with this, Niels. I'm going to close this.