

## ASCOM Canon Lens Controller [Mark II](#)

Special adapter for ZWO ASI6200MM/ASI2600MM camera [\(with a filter wheel\)](#)



This adapter supports:

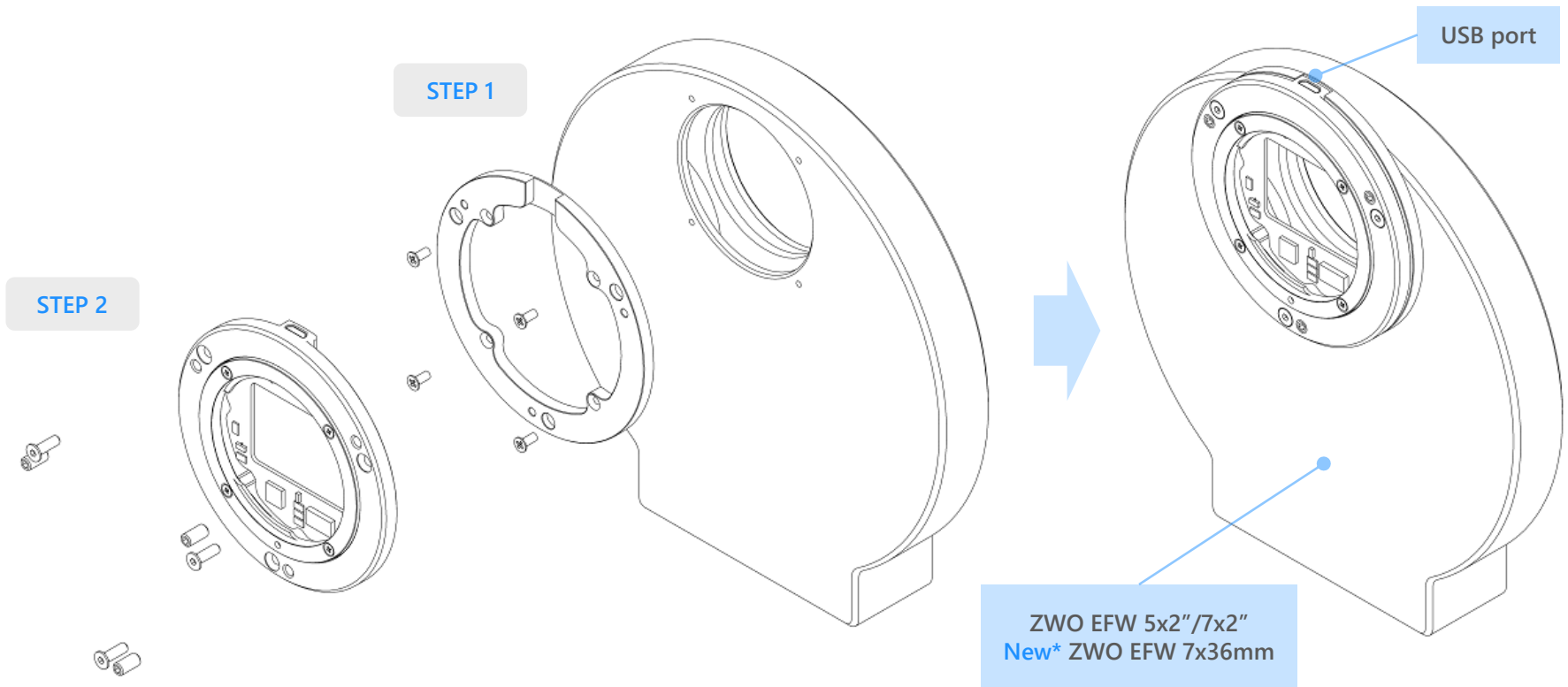
[ZWO ASI6200MM](#)

[ZWO ASI2600MM](#)

[with a filter wheel](#)

Please, see the Useful Links page for camera drawings.

The adapter consists of two parts and has the ability to adjust the tilt and slightly tune the back focal length. This mechanism is important for cameras with a large sensor to get the perfect stars.



**STEP 1:** Install the base part on the front cover of the filter wheel. Use four M2.5x6 screws from the kit.

**STEP 2:** Attach the adapter to the base part. Install push/pull screws in the appropriate holes. This will be useful in the future when adjusting the device.

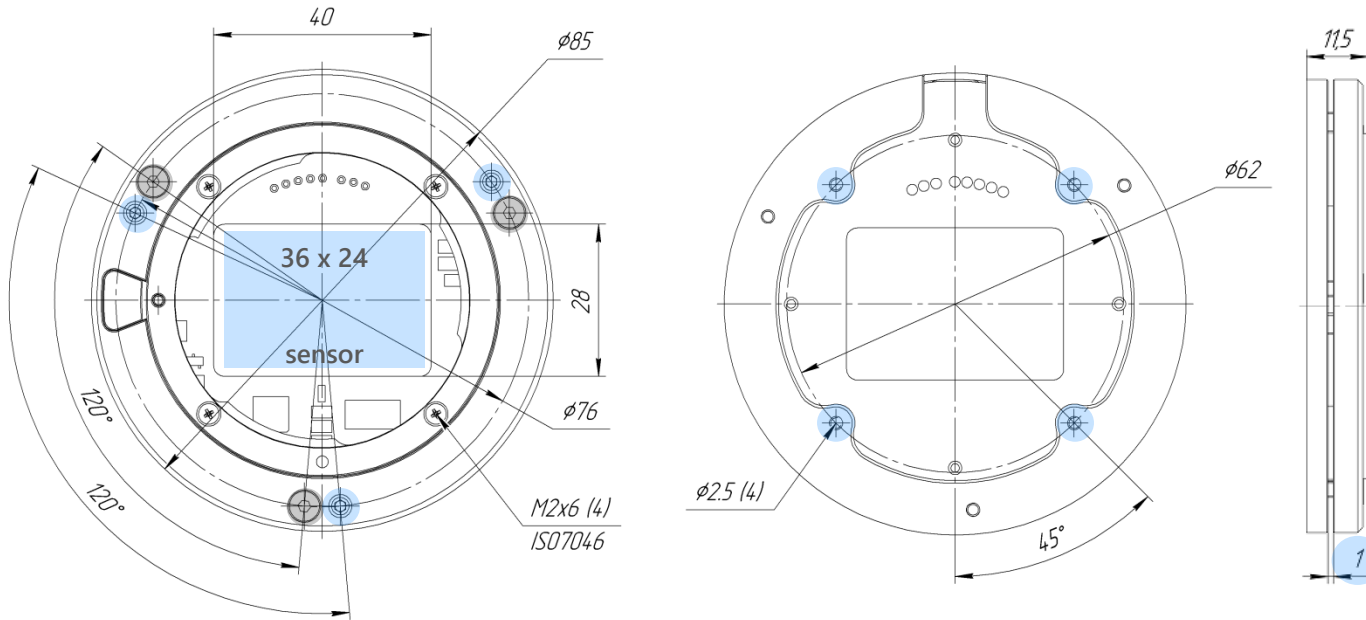
This adapter is compatible only with Canon **EF** lenses.

This adapter uses a **micro USB** connector.

\* The **new ZWO EFW 7x36mm filter wheel** supports the M68 off-axis guider and therefore has the same mounting holes as the 2" wheel.

**Default thickness of the adapter is about 11.5 mm.**

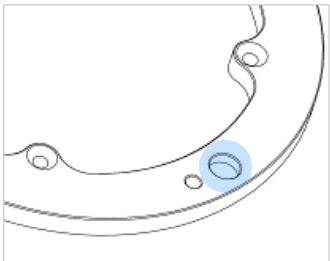
You can adjust this using the pull/push screws. Allen wrench is included in the kit.



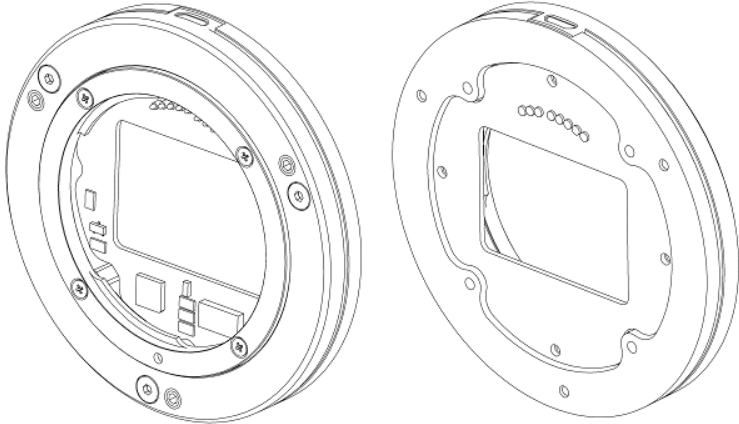
There is a **small gap** between two parts of the device so that you can adjust backfocus according to your needs.

Push screws: **M4x8 (DIN916)**  
Pull screws: **M3x10 (DIN7991)**

The **mounting holes** are exactly the same as when installing the ZWO M68 OAG.



The pushing screw abuts the **pad** on a fixed base, so the surface of the FW cover will not be damaged.

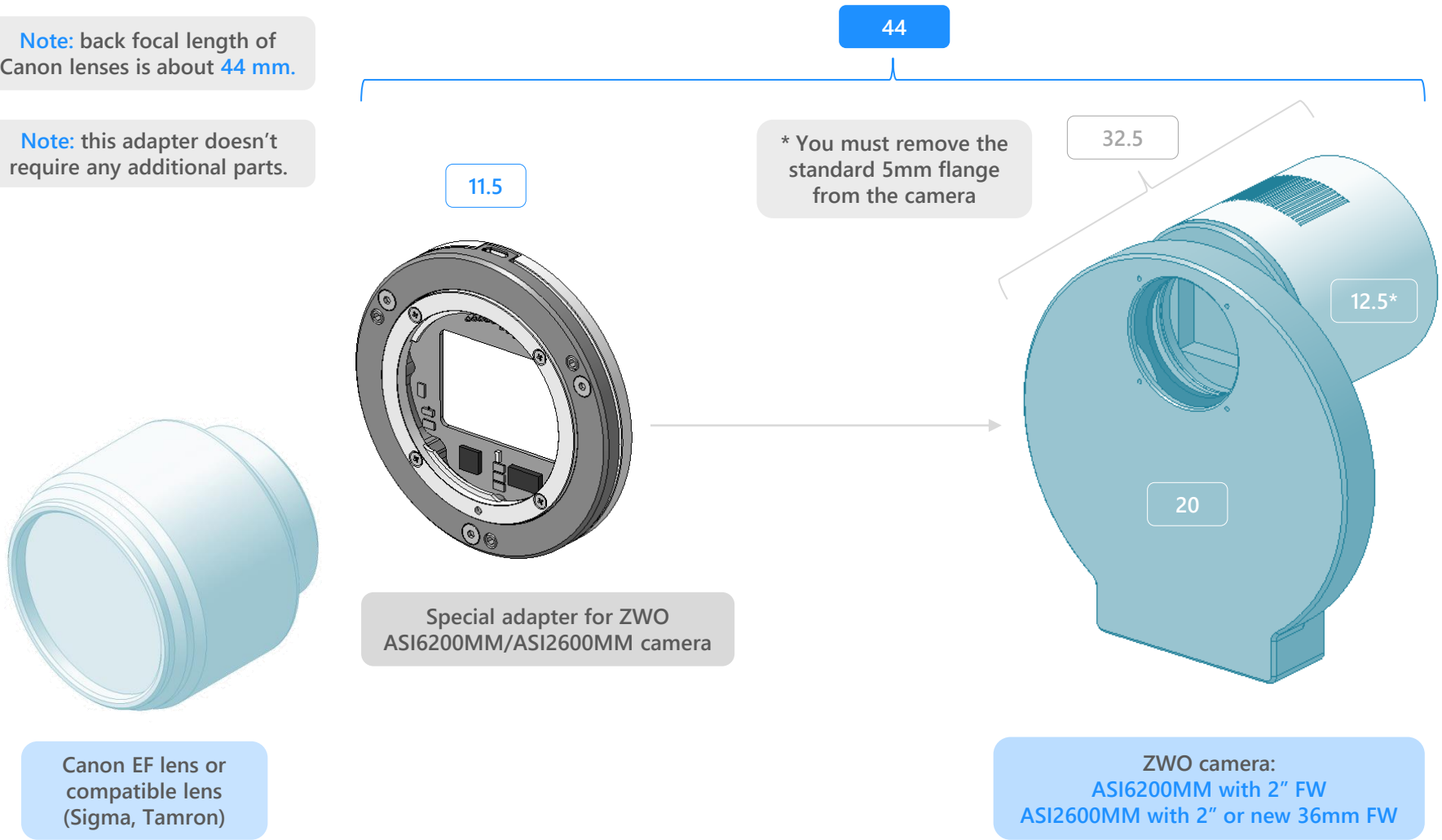


Both types of ZWO 2-inch filter wheels are supported (5 x 2" / 7 x 2").  
 You can also use the new ZWO EFW 7x36mm filter wheel with ASI2600MM camera.

Easy to install using the existing holes on the FW front cover.

**Note:** back focal length of Canon lenses is about 44 mm.

**Note:** this adapter doesn't require any additional parts.



For ordering information, please contact us via:

**Skype:** [live:astromechanicsgroup](skype:live:astromechanicsgroup)

or

**E-mail:** [astromechanicsgroup@gmail.com](mailto:astromechanicsgroup@gmail.com)

**Didn't find a suitable adapter? Don't worry!**

[We can make a custom adapter](#) of any thickness, with any thread and even according to your drawings! Feel free to contact us.

**This page provides useful links to camera drawings and other resources.**

For detailed information, please refer to the official website of the camera manufacturer.

Model	URL	Description
<a href="#">ASI6200MM</a>	<a href="https://astromechanics.org/downloads/ascom_ef/en/pic/ASI_6200MM.png">https://astromechanics.org/downloads/ascom_ef/en/pic/ASI_6200MM.png</a>	Drawing
<a href="#">ASI2600MM</a>	<a href="https://astromechanics.org/downloads/ascom_ef/en/pic/ASI_2600MM.png">https://astromechanics.org/downloads/ascom_ef/en/pic/ASI_2600MM.png</a>	Drawing
<a href="#">ASI EFW 5x2"</a>	<a href="https://astromechanics.org/downloads/ascom_ef/en/pic/ASI_FW_5x2.jpg">https://astromechanics.org/downloads/ascom_ef/en/pic/ASI_FW_5x2.jpg</a>	Drawing
<a href="#">ASI EFW 7x2"</a>	<a href="https://astromechanics.org/downloads/ascom_ef/en/pic/ASI_FW_7x2.jpg">https://astromechanics.org/downloads/ascom_ef/en/pic/ASI_FW_7x2.jpg</a>	Drawing
<a href="#">New ASI EFW 7x36mm</a>	<a href="https://astromechanics.org/downloads/ascom_ef/en/pic/NEW_ASI_FW_7x36mm.png">https://astromechanics.org/downloads/ascom_ef/en/pic/NEW_ASI_FW_7x36mm.png</a>	Drawing
<a href="#">ASI M68 OAG</a>	<a href="https://astromechanics.org/downloads/ascom_ef/en/pic/ASI_M68_OAG.png">https://astromechanics.org/downloads/ascom_ef/en/pic/ASI_M68_OAG.png</a>	Drawing