

# A piggyback mount for the Zeiss Telementor to mount a camera or SkyScout© to it

Matthias Bopp, March 22<sup>nd</sup> 2008

Hi,

as I am planning to take some wide-field images with my modified DSLR from Canon (D310A) in conjunction with my Zeiss refractor I needed an adapter to mount my camera to the Telementor. The pictures will be taken with the standard lens on the DSLR and the Telementor refractor will be used to manually track a guide-star.

Furthermore I want to use my SkyScout© device from Celestron to help me find objects in the sky which I would then try to observe through the Telementor refractor. I can then also read and listen to the explanations the SkyScout© is providing for such objects. This should be especially helpful when trying to get young people interested in Astronomy.

I decided to build an adapter to the counterweight rod and my friend Robert Pudlo was kind enough to machine a clamp for this. The 2 pictures below show the details of this clamp.



This clamp is moved over the counterweight rod and then fixed with the red handle. On the clamp I mounted a surplus head from a camera tripod to be able to make the necessary fine adjustments of the then to be attached camera.

Below please find some pictures of the setup with the DSLR Canon D310A attached:



Here are some pictures with the SkyScout from Celestron attached to the Telementor:



I appreciate your feedback and will be happy to answer any questions.

Please send them to my Email address below.

Kind regards

Matthias

Email: [DDIUS@AMSAT.ORG](mailto:DDIUS@AMSAT.ORG)

Homepage: [www.dd1us.de](http://www.dd1us.de)