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## How to adapt a Panasonic WV-F5 video camera to your telescope

Hello,

enclosed you will find a description, how to adapt the small Panasonic video camera to a telescope. This unique camera is comprised of the tiny camera head and connected by a cable the box which contains most of the electronics.

Firstly please find some pictures of the pieces, which will have to come together: the OPFA adapter as well as the Digi-T-adapter and the 37mm-43mm ring, all available from Baader-Planetarium. Furthermore you see the camera head of the Panasonic video camera.



Digi-T-adapter and adapter ring 37mm-43mm. The video camera shall be adapted to the 43mm thread.



Left: OPFA with Digi-T-adapter and adapter ring



Right: adapter ring 37mm-43mm

Next please find the pictures of the camera head..



The camera head is connected to the main electronics by a single 60cm long cable.

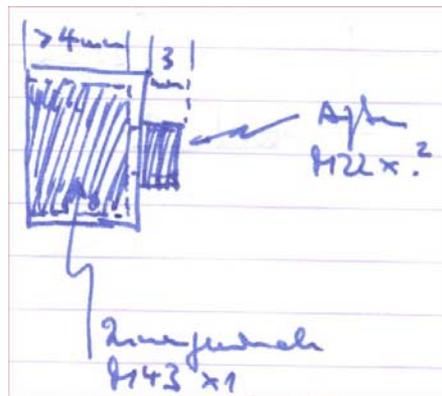


This head shall be adapted to the telescope by means of the OPFA.



The camera head includes an objective, which can be focused. The objective does feature an inner thread which shall be used to attach an adapter.

The next sketch shows the new adapter. It features at the left an inner 43mm thread to attach it to the adapter ring from Baader-Planetarium. At its right there is an outer 22mm thread with 12 turns per 4.8mm length. To avoid vignetting, the adapter is made as short as possible.



This last picture shows my complete setup (Baader T2 quick change ring, OPFA with Digi-T and adapter ring, the homebrew special adapter, the Panasonic video camera).



Special thanks to my friend Robert Pudlo who kindly produced this adapter for me.

Best regards

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