

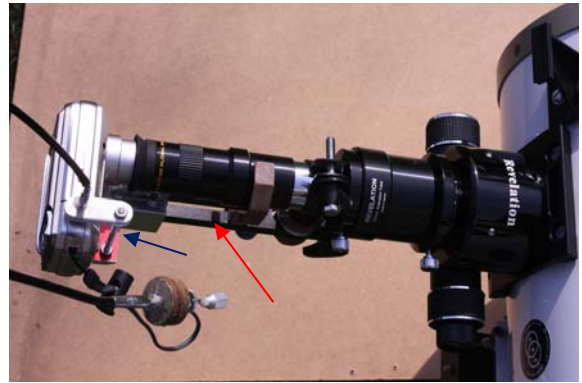
An adapted compact digital camera mount. Gordon Lloyd, 05/01/11

Description of my adaptation of a standard Orion compact camera mount to suit my methods of working. Note that these photos were before I made the focus-readout device.

The top photo shows my camera in position for photography. It can be slid along the bar underneath to its correct position. This depends on which eyepiece and barlow lens is in use. Its lens is set to just outside the eyepiece rubber.

On the left can be seen my attachment to the camera support which holds a cable release.

The bottom picture shows the camera support assembly rotated out of the way to enable me to look through the telescope eyepiece and focus it. The assembly is released and locked by a knob not visible under the drawtube. The brown, plastic "C" shaped piece fits against the drawtube to locate the assembly in its working, photography position, as seen in the top photo.



The whole assembly is attached to the telescope on the tube of my variable magnification barlow lens. This is permanently set to x 3 and there is always enough tube showing to clamp on to.

Here is a photo of Clavius taken with the camera and equipment described. The photo reproduced is about 60% of the original full frame. The seeing was very steady because of gradually thickening fog, which often steadies the air for a while before becoming too thick.

My telescope is a 250mm, f4.8 Newtonian made by Orion (UK), on a Vixen Sphinx mounting.

