

CAMERA LINK INSTRUCTIONS

The Newton Camera Link is designed to work with interchangeable lens cameras including DSLRs (Digital Single Lens Reflex cameras) and the mirror-less or CSC's (Compact System Cameras) from Olympus, Nikon, Sony and others. You will require an M42 threaded adapter to suit your particular camera lens mount, e.g. Nikon-M42, Canon-M42, Sony Nex -M42 and so on. These are usually available

from camera shops, but otherwise are widely available on Amazon and eBay. Make sure you specify whether the adapter is for a DSLR or CSC; the adapter is much longer for the latter.

CAMERA LINK CONTENTS



STEP 1

Fit the M42 adaptor to the Newton Camera Link.

STEP 2

Remove the camera lens.

STEP 3

Fit the Newton Camera Link and M42 adaptor assembly to the camera.

STEP 4

Fit one end of the Newton bracket to the camera's tripod bush. Do not fully tighten.



STEP 5

Lie the camera on its back and position the Newton over this with the eyepiece facing down, and lower the Newton so that the eyepiece slides fully into the adaptor tube.



STEP 6

Assess the length of spacer required. This will normally be the gap between the back of the Newton microscope and its facing side of the bracket. However, with some camera's the gap could be on the camera end.



STEP 7

There are two different spacer lengths with x3 of each supplied. Various combinations will provide the following spacer lengths in mm - 8, 11, 16, 19, 22, 24, 27, 30, 33, 41, 57.

STEP 8

Screw the selected spacer/spacer combination into the Newton's tripod bush closest to the eyepiece.

STEP 9

Swivel the bracket over the fitted spacer and screw down the thumb screw into the spacer. Do not fully tighten.

STEP 10

Re-check that the camera is pushed fully into the Newton (a small gap is designed in).

STEP 11

Check that the base of the Newton and camera are both level and tighten the thumb screw on the camera end.

STEP 12

Check again that the camera is pressed into the Newton as far as it will travel, and that the two products are level, and then tighten the thumb screw at the Newton end of the bracket.

STEP 13

The camera and Newton should now be an integrated unit and ready for photography.



STEP 14

Some photographic situations can be made easier by tripod mounting. The Newton Camera Link bracket has two tripod mounting bush positions. Select the position closest to the centre of balance between the camera and the Newton.

For any technical enquiries email info@newtonmicroscopes.com

