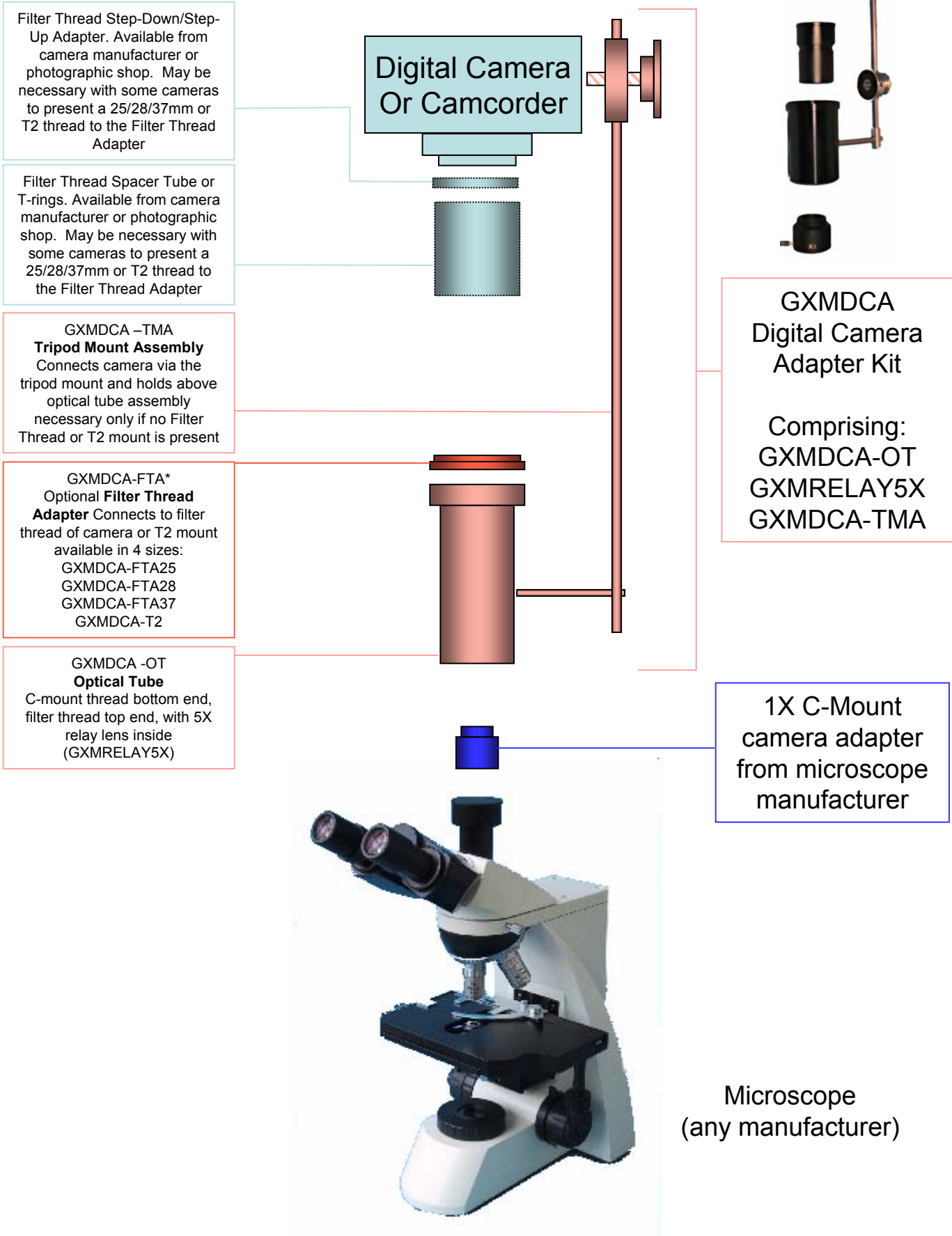


GX Microscopes Digital Camera Adapter GXMDCA



The **GX Microscopes Digital Camera Adapter Kit** is designed to deliver the best possible image from a **microscope equipped with a trinocular head** (ie has a vertical phototube) to a domestic digital camera or camcorder.



To use the GXMDCA you require a 1X C-Mount adapter from your microscope manufacturer suitable for your model of microscope. A c-mount adapter is a camera adapter used to connect professional grade 'c-mount' cameras specifically designed for microscope use. All microscopes are designed to work with this class of camera and they will give the best quality images. Example 1x C-Mount adapters are shown to the right.

You also need to have a T2 mount or a filter thread of the size 25mm, 28mm or 37mm on the front of your camera. According to which size you have you then need to specify which size Filter Thread Adapter you require when ordering.

If a T2 mount or Filter Thread is not available on your camera you can use the Tripod Mount Assembly (supplied as standard) to hold the camera in place above the Optical Tube using the tripod mount on the camera.

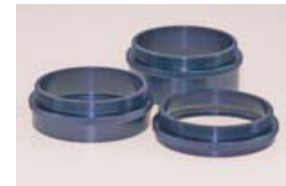


Some cameras do not have a tripod mount and these cameras cannot be mounted on the microscope.



Digital SLR cameras usually have a bayonet lens mount. To use this type of camera you should purchase the appropriate bayonet to T2 mount adapter.

You may also require T-ring spacers. The adapter and spacers will be available from your camera supplier or photographic shop.



Cameras with filter threads may not have one of the size threads listed above. You can purchase step-down or Step-up thread adapters from your camera supplier or photographic shop to give you a 25mm or 28mm or (preferably) 37mm thread.



Shutter Release Cables

GX Microscopes can also supply a shutter release cable holder to reduce shake caused by pressing a capture button. **GXMDCA-SRH**

Attaching to Microscope Eyepiece Tubes

GX Microscopes also have an adapter kit that will hold a camera above an eyepiece by clamping to the eyepiece tube. The external diameter of the widest part of the eyepiece, the external diameter of the eyepiece tube and the type of mount required (filter thread size (25/28/37mm), T2, or tripod mount) must be specified when ordering. **GXMDCA-EYP**

Ordering information:

(see diagram)

For camera with no filter thread nor T2 mount but equipped with a tripod mount:

Order Part: **GXMDCA**

For camera with 25mm or 28mm or 37mm filter thread or T2 mount:

Order Parts: **GXMDCA** plus 1 of these adapters:

GXMDCA-FTA25

GXMDCA-FTA28

GXMDCA-FTA37

GXMDCA-T2

Please note that because there are numerous different models of digital cameras and camcorders on the market it is not possible for GX Microscopes to advise which components are necessary for a particular model of camera. You should consult this guide and determine which parts you need.

As this class of camera is not designed for microscopy use it is not possible to guarantee how effective the camera will be at taking pictures from the microscope, you will need to investigate the optimum set up by experimentation.

If you require a camera that will give guaranteed good results from your microscope we can recommend specialist microscopy c-mount cameras.