

# FoneMate™ Smart Phone to Tele Vue Eyepiece Adapter



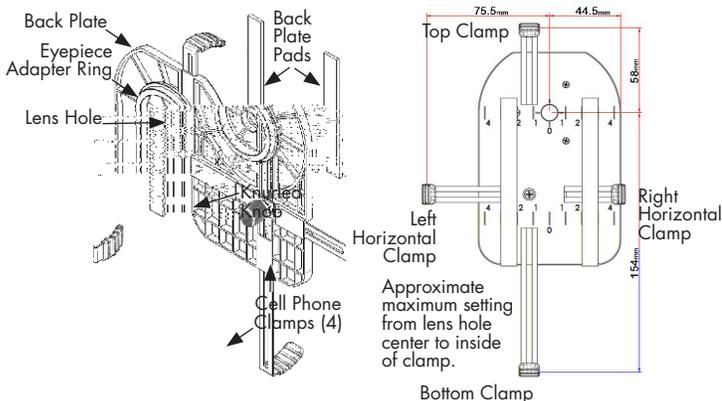
## Introduction

FoneMate™ can connect with any Dioptrix™-compatible eyepiece and phones from about 60-mm x 114-mm (width x height) to 120-mm x 212-mm in size. Note that some eyepieces require an adapter to be Dioptrix™-compatible. See the Eyepiece Specification page at TeleVue.com for a complete list of Dioptrix™-compatible eyepieces. Delos and Delite eyepieces, with their sliding, locking, eyeguards work particularly well in this application.

## Adapter Pre-Installation Notes

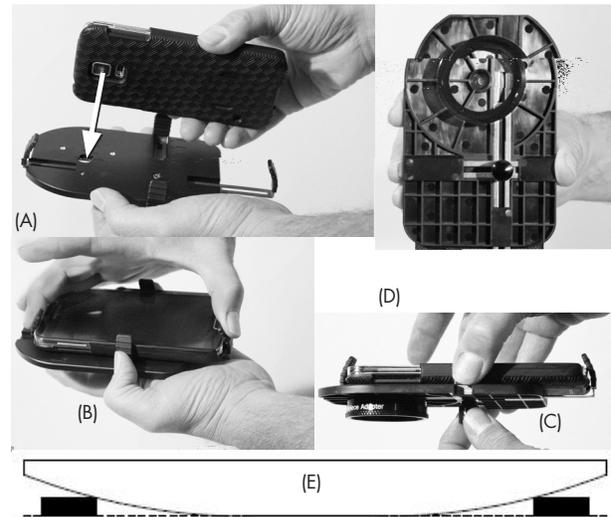
- If using short eye relief eyepieces, you may have to remove any form-fitting phone case in order to avoid vignetting. For large phones, removing the case can give you more “wobble” room for centering the phone once the clamp limits are reached.
- Familiarize yourself with the parts diagram. Note that right horizontal clamp does not extend past the back plate.

## Nomenclature and Parts Diagram



## Install Smart Phone on FoneMate™

- Adjust knurled knob to the point where the clamps can slide by hand – but not slide on their own. Pull out clamps.
- Place smart phone on back plate so the camera lens is roughly centered over the camera hole (Fig A) and push opposing clamps simultaneously snug against the phone body (Fig B). Tighten the knurled knob (Fig C).
- Flip the assembly over (Fig D). If the camera lens is not centered in the lens hole, support the camera with one hand and just loosen the knurled knob enough to move the clamps. Using both hands, nudge opposing



clamps to center the lens. Tighten the knob.

- Flip the assembly over to check if the phone rocks in the cradle when pressing buttons, or does not lie flat. This may be due to phone contours and hard buttons.

In these cases, consider using the supplied back plate pads to correct the fit. The pads should be stuck on the back plate underneath the phone and not interfere with the clamps around the phone body (Fig E). Before removing the phone to place the padding, note the position of the opposing clamps on the engraved scale. Keep the padding within these positions. Trim the padding as necessary and peel off the self-adhesive backing before applying to the back plate.

### **Telescope Pre-Installation Notes**

- Make sure the telescope is locked down and stable before attaching FoneMate™ to it.
- Visually focus the desired eyepiece while on the scope before attaching the adapter to it.
- Depending on the size of the eyepiece, it may be easier to connect the phone to it while off the telescope. Mounting the parts off the scope also prevents decentering the target in the field of view.
- If the eyepiece has an adjustable eyeguard, lock it in place to prevent sudden movement before attaching it to the FoneMate™.
- Become familiar with which direction to turn the adapter ring to lock and unlock it to the eyepiece. When FoneMate™ is resting on top of the eyepiece, the ring is locking when turned counter clockwise. Fewer threads will be showing.
- CAUTION, if the eyepiece is placed standing on a flat surface, the unbalanced weight of the FoneMate™ plus smart phone may cause the eyepiece to topple.

### **Installation on Eyepiece**

1. Remove rubber eyeguard from eyepiece.
2. Rotate eyepiece adapter ring, located on the underside of the FoneMate™, out into the unlocked position so that four threads are visible. Do not rotate the ring further out than this (there are only five threads holding it on).
3. Place the phone on the adapter ring.