

Digiscoping tips

Correct alignment

When you first attach your smartphone to your spotting scope you will need to set the appropriate eye relief on the eyepiece eye relief cap - An incorrect setting will result in a blurred circle (FIG A).

Twist the eyerelief cap forward and backwards until the circle is crisp (FIG B) This is the optimum distance between the smartphone camera lens and eyepiece.

General advice

Learn to use all the camera features on your smartphone before digiscoping, it is advisable to use a good tripod with a smooth pan and tilt video head to keep the smartphone as steady as possible

If your smartphone supports it - lock the focus to prevent the lens from focus hunting, then use the focus wheel of your spotting scope to manually focus on the subject. If your smartphone supports it - try to limit hand operation when taking the image, try using remote shutter techniques such as voice or breath control to limit lens shake.

Vignetting

Most smartphone utilize a wide-angle lens, so when you attach the smartphone to the scope eyepiece, more often than not, you will experience vignetting (Image within a black circle - FIG B).

To eliminate this effect, if you are using a zoom eyepiece, twist the zoom ring to increase the zoom until the vignetting is reduced or eliminated. This will also increase the magnification of your subject (FIG C).

