

## Newport IRV2 Series Magnification Lens Assembly

The IRV2 series infrared viewers are high performance viewers used to observe radiation emitted by infrared sources. All IRV2 viewers, with the exception of the IRV2-270, include a 2.5x lens that can be easily attached.

**NOTE:** When removing or exchanging lenses, make sure you are in a dust free or clean room type environment to avoid contaminants entering the areas inside the unit. Also avoid direct contact with the optical surfaces with hands or any other object. This will ensure optimum performance of the unit.

The IRV2 viewers are shipped with the 2.5x lens and adapter mounted to the viewer. In order to mount the 1x lens first remove the viewer handle from the body. Unscrew the threaded side of the adapter from the IR viewer, see Fig. 1.

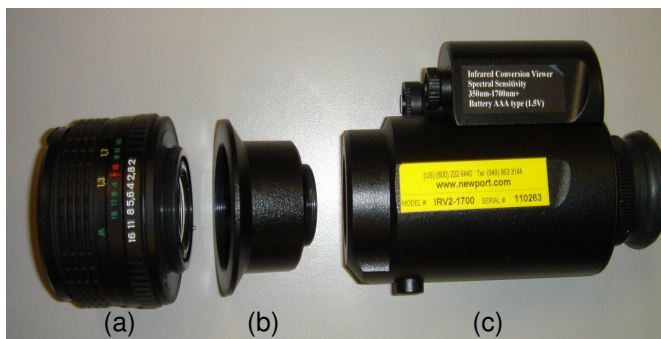


Figure 1. (a) 2.5x lens, (b) adapter and (c) IR viewer

The adapter is not required for use with the 1x lens. Screw the threaded side of the 1x lens into the IR viewer as shown in Fig 2.

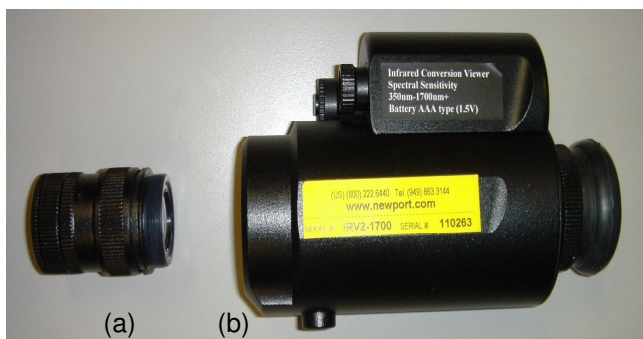


Figure 2. (a) 1x lens and (b) IR viewer