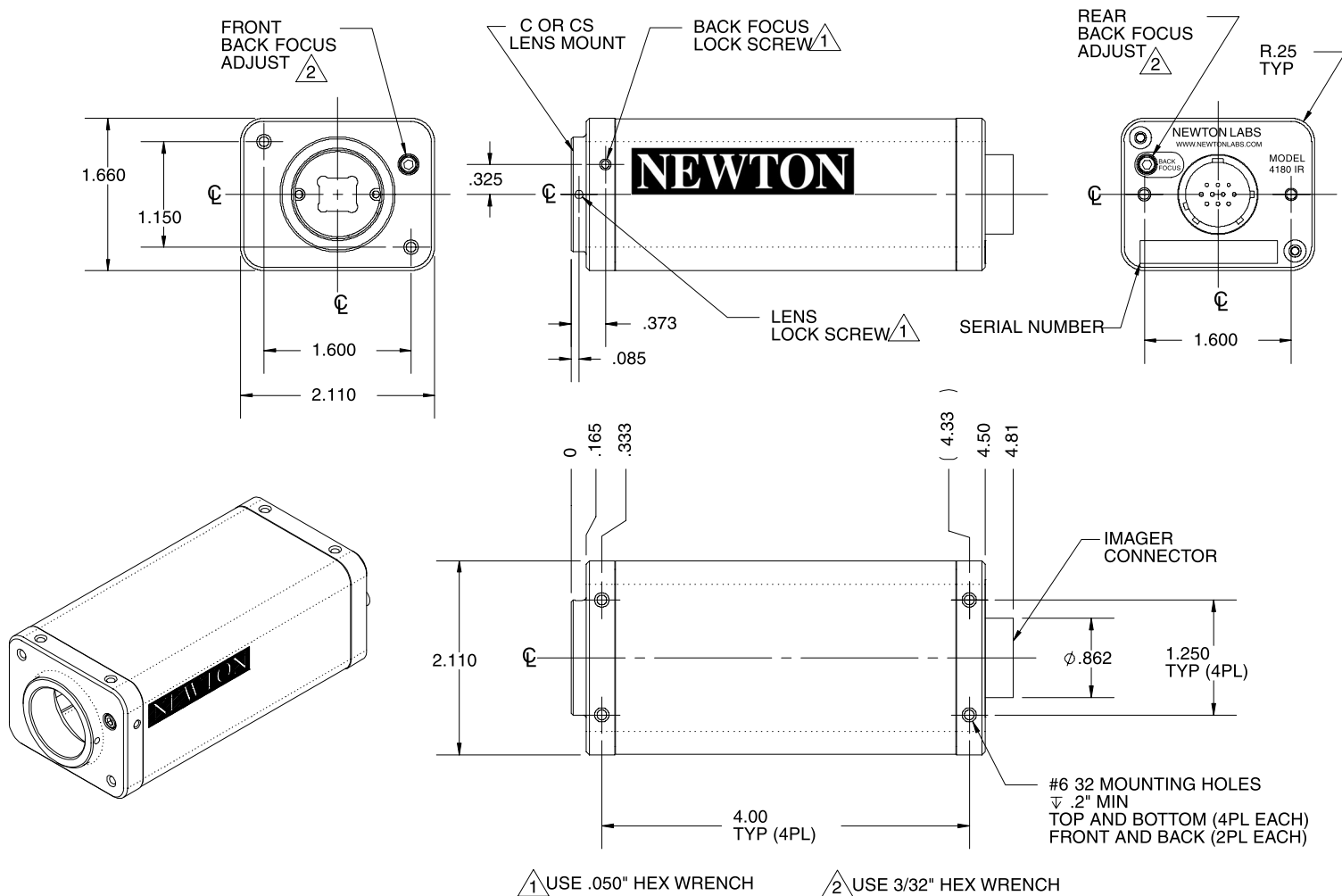




# 4180 Imager 4180-IR Imager

## Mechanical Specifications



The 4180 and 4180-IR Imagers accommodate both C and CS Mount lenses.

### How to install a Lens and adjust the Back-Focus

- Loosen the Lens Lock Screw
- Loosen the Back-Focus Lock Screw
- Install or replace Lens (see \*important note below)
- Tighten Lens Lock Screw
- Rotate either the Front or the Rear Back-Focus Adjustment Screw to the desired position.
- Retighten the Back-Focus Lock Screw.
- For applications with fixed focal length lenses, use the Back-Focus Adjustment feature to adjust the focus.
- For lenses with an adjustable focus, the imager Back-Focus Adjustment is properly set when image clarity is achieved with the lens focus at the mid point of its adjustment range.
- If the focus range on an adjustable focus lens is not adequate, additional focal range may be available with the Back-Focus Adjustment feature.

**IMPORTANT NOTE:** It is possible for some lenses to contact and damage internal camera components if the Back-Focus Adjustment mechanism is not set to the proper range for the lens. To prevent this, before installing any new lens:

- Rotate the FORWARD Back-Focus Adjustment Screw COUNTER-CLOCKWISE to its limit of travel.
- or-
- Rotate the REAR Back-Focus Adjustment Screw CLOCKWISE to its limit of travel.

Excessive Back-Focus Adjustment can bring internal camera components in contact with some lenses. Be sure to note the distance the lens extends inside the camera prior to large changes in Back-Focus Adjustment.