

**Note:**

- The COV-7000-CMNT-LG cover is only supported with the In-Sight 7802P, 7902P and 7905 vision systems.
- When using a C-Mount lens, the following restrictions apply:
  - ① • Maximum thread length is 5.25mm.
  - The C-Mount lens threads and body cannot protrude more than 6.5mm in length into the vision system when screwed in unless the diameter of the back lens is smaller than 14.75mm. If the C-Mount lens threads and body protrude more than 6.5mm, you can add a spacer between the lens and vision system. However, the spacer decreases the working distance.
- If using the COV-7000-CMNT-LG cover, the maximum lens length is 77mm, the maximum lens body diameter is 55mm and the maximum diameter including locking screws is 55mm.

**CAUTION:** If installing a C-Mount cover, the illumination accessory (ISLM-7000-xxx) PCB should not be installed to the vision system. Refer to [Remove the Illumination Accessory PCB](#) for steps to safely remove the PCB and avoid damage to the vision system.

1. Remove the rubber faceplate covering the image sensor window, if present.
2. Remove the protective film covering the threaded lens opening, if present.
3. Place the adapter on the faceplate of the vision system. Insert the four adapter screws and tighten. The maximum torque is 0.90 Nm (8 in-lb).
4. Thread the lens into the vision system.
5. (Optional) For longer lenses, the C-Mount cover extender accessory (COV-7000-CMNT-LGX) can be used to add 30mm in length to the C-Mount cover. If using the cover extender, attach it to the vision system and rotate the cover extender clockwise approximately thirteen degrees to lock it.
6. Attach the cover to the vision system. Rotate the cover clockwise approximately thirteen degrees to lock it.

