

# TechTip V1021 - Sealing the IQeye Sentinel Series Camera

**Applies to:**

IQeye Sentinel Series Camera

**Summary:**

Proper sealing procedure for IQeye Sentinel Series Camera.

The IQeye Sentinel series cameras are IP66/NEMA 5 rated when they are mounted and sealed properly. Extra care should be taken to ensure no water can penetrate the Sentinel's housing, particularly when mounted in the parapet format.

Install the Sentinel back box as appropriate for the application. Ensure the Heyco fittings are snug with the wiring or the supplied plugs (shown) by using a 5/8" open-ended wrench.



Do the same to the Heyco fittings on the camera arm assembly.



If using the conduit hole to run wiring, you must run  $\frac{3}{4}$ " NPT conduit pipe to the opening, using silicone to ensure a water tight seal.

*Note: If you are using the conduit hole to run wiring, but no conduit is run to the camera, this will negate the IP66/NEMA 5 rating and void the warranty.*

Depending on the environment and camera placement, IQinVision recommends running a bead of silicone along the base of the back box as well as along the seam where the back box and the camera arm assembly meet. Also, place a dot of silicone over each of the 4 screws holding the camera arm assembly to the back box.

