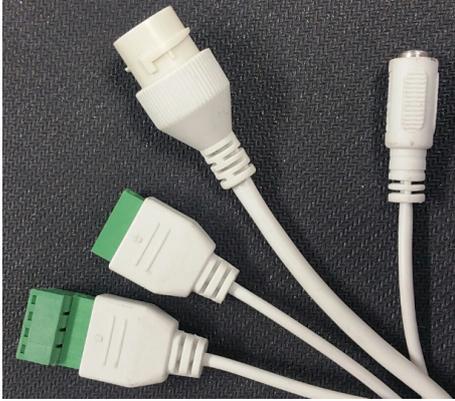


## How to Protect Against Water Ingress

### 1. Cameras with external connections



- a. Cameras with external connections will include an RJ45 cable gland in the box



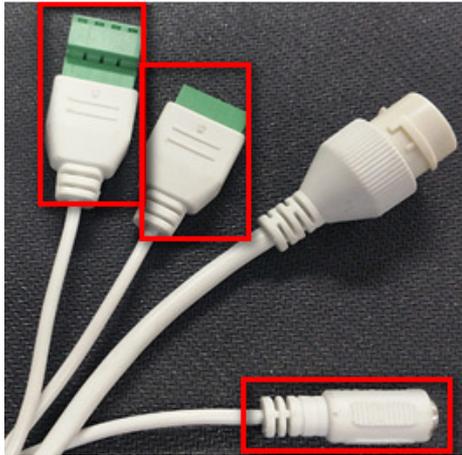
- b. Insert the cap, rubber seal and gland prior to crimping the RJ45 connector. Also, ensure that the rubber seal on the female connector is also fitted



- c. Example when the gland is assembled



- d. Ensure that all remaining connectors are also properly sealed



- e. To seal the remaining unused connectors, it is recommended to use rubber splicing tape as well as insulation tape



**Rubber  
splicing tape**



**Insulation  
tape**

- f. First tape the connection or unused connector with the rubber tape and ensure that the tape is stretched to 3 times its original length



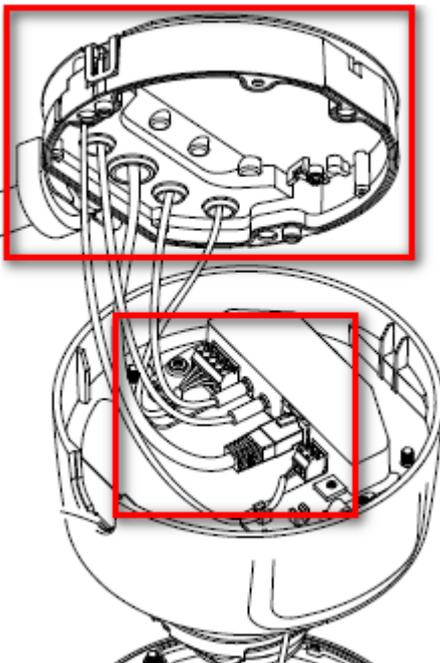
g. Now use the insulation tape to cover the rubber tape



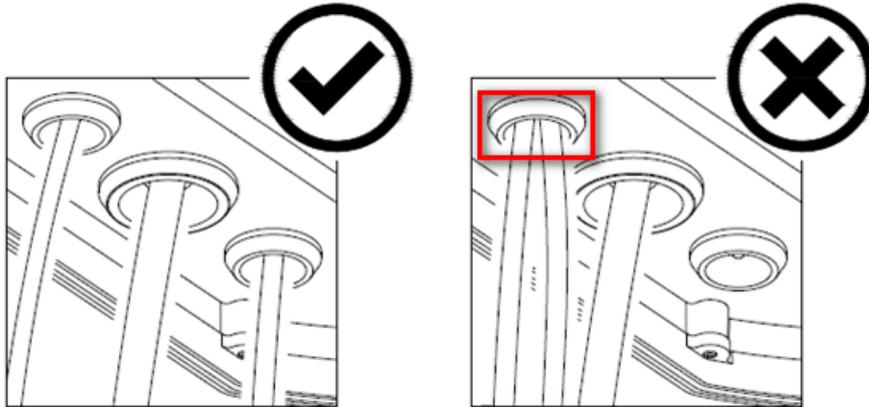
e. Repeat this process for all remaining connectors



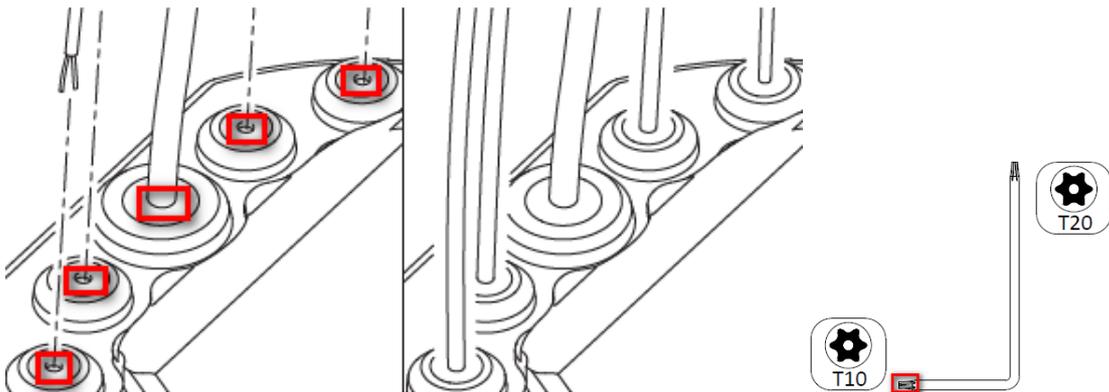
## 2. Cameras with internal connections



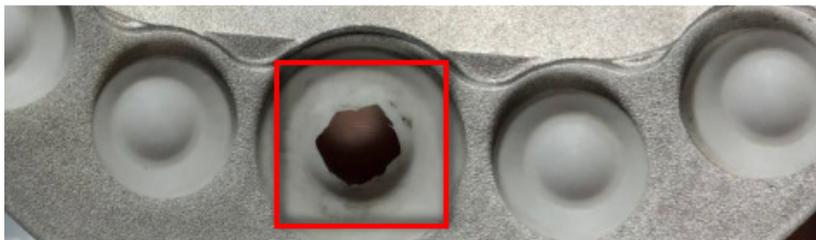
- a. Cameras with internal connections have a cavity where the cables connect to the various connections. Installers have to be mindful of how cables enter the camera and how they are sealed
- b. , do not run more than one cable through each rubber seal. More than one cable will result in an improper seal



- c. Where the cables enter through a cavity base, ensure that the hole in each rubber seal is smaller than the cable. You can use the T10 torx tool to make the holes



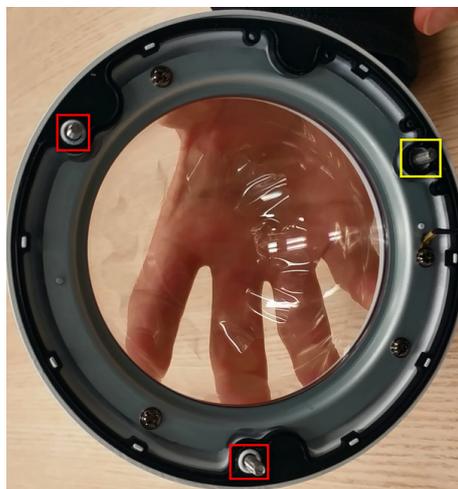
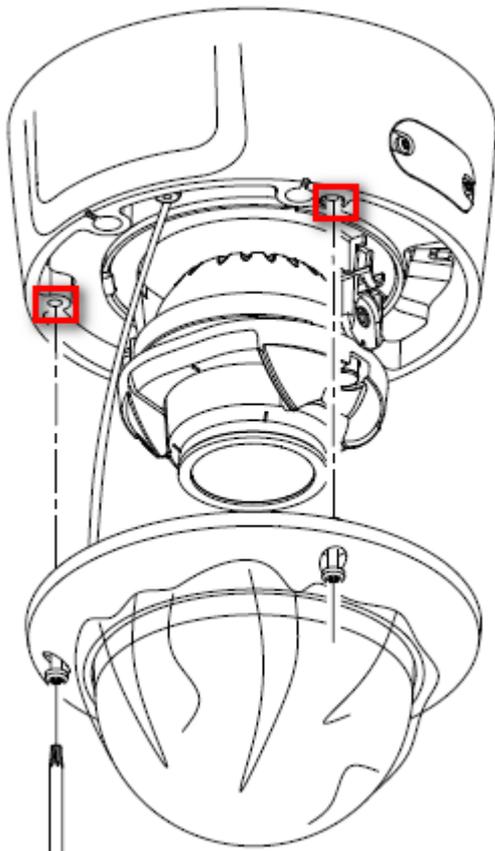
- d. Do not cut a hole in the rubber seal as it will prevent it from sealing properly



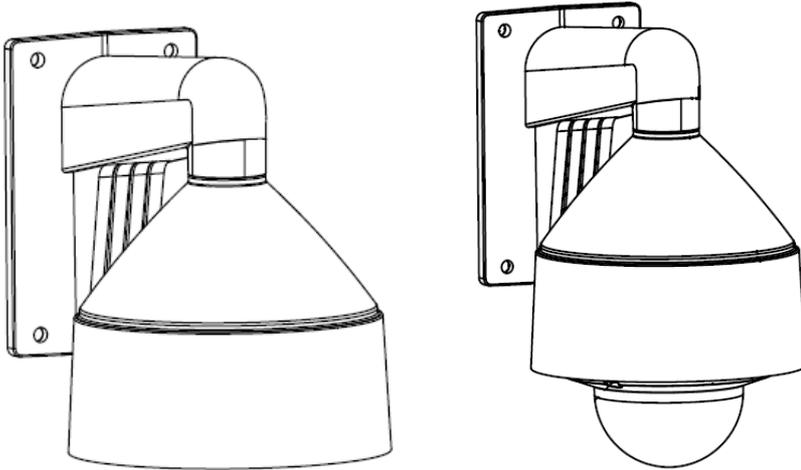
- e. Do not remove the rubber seals as this would also cause potential water damage



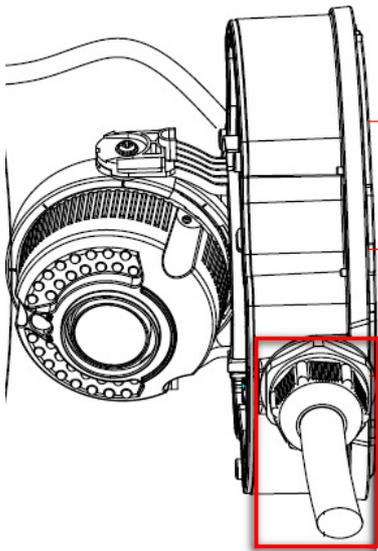
- f. Pay attention when closing the lid as some of the domes have a standoff on the lid that has to go into a cavity on the base.



- g. For wall mounting applications, it is recommended to use the wall mount bracket



- h. Where the camera is mounted on a wall without the wall mount bracket, ensure that the side entry is used with the provided flexible conduit and O-ring seal.



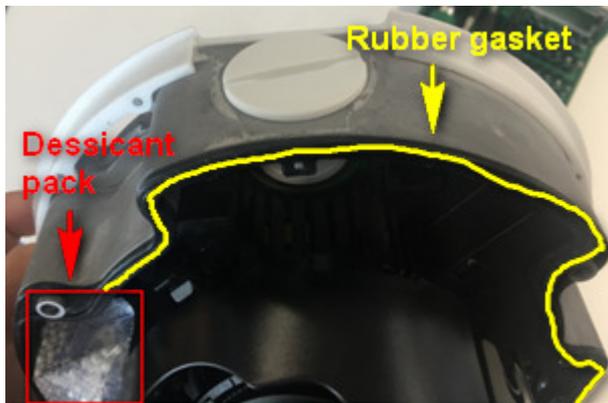
- i. It is recommended to rotate the camera housing so that the entry is at the bottom of the camera



- j. In outdoor scenarios where you are unable to use the wall mount bracket, it is recommended to use the rain hood



- k. Ensure that the desiccant pack remains inside the camera as it will absorb excess moisture after installation. Also, pay special attention to the rubber gasket/s as they may have been dislodged during assembly



- l. For applications in coastal areas, we recommend to use the anti-corrosion range as they are IP67 water/dust ingress rated and WF-2, NEMA 4X and C5-M anti-corrosion rated. This makes them ideal for coastal regions where salt corrosion is a major concern and also for food processing plants where harsh chemicals are being used to sanitize the environment on a regular basis



For more detailed information relating to individual cameras, please refer to the camera's Quick Start Guide on our website