

Weatherproof Junction Box

Overview

The Weatherproof Junction Box provides a neat and waterproof termination of connections to the Phylink Bullet HD outdoor camera. When connecting outdoors, the use of this junction box will ensure weather protection and prevent power and signal faults due to water ingress at the connections.

When you use this junction box, you only need to drill a small hole in the wall to run the extension cabling to an indoor power outlet and network.

When you put the power adapter cable and network cable through a building's wall, you only need to drill a small hole on the wall to run the power adapter cable and network cable from the Weatherproof Junction Box to an indoor power outlet and network.

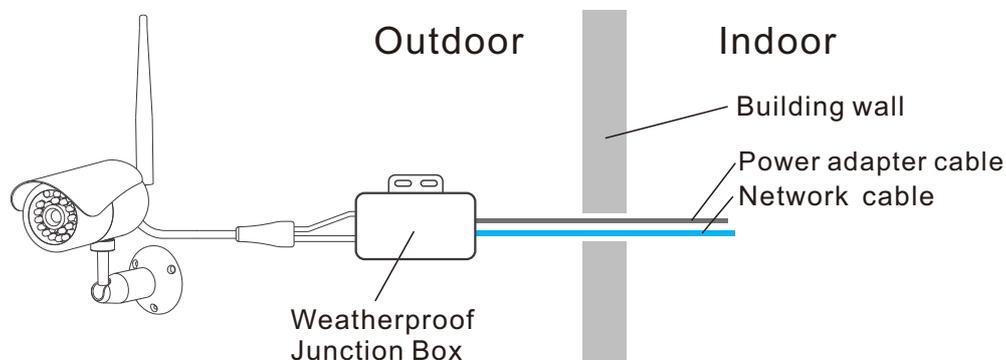


Figure 1

A roughly 1/4 inch diameter hole will be required for either a network cable or the DC plug at the end of the power cord to pass through.

Installation Steps

Before physical installation, please ensure wireless settings are completed and operational – to set wireless up, you need to connect the camera directly to your router with an Ethernet cable.

If you plan to use Wi-Fi transmission, the Wi-Fi must be setup before the camera is disconnected from the Ethernet cable of the local network. Minimum signal strength of 3 bars is required for HD video transmission. Please ensure the required signal strength is available at the point of installation, prior to installing the camera.

Please note that the wireless signal travels easily through common building materials such as wood, glass, sheet rock, and vinyl siding, but does not go at all through metal.

STEP 1

Connect the power cord and Ethernet cable to the camera. Please refer to **Figure 2**.

STEP2

Insert the RJ45 connector and DC plug connector into the rear cover of the Weatherproof Junction Box. Ensure the power and network cables align with their respective grooves at both sides of the sealing strip. Please refer to **Figure 2**.

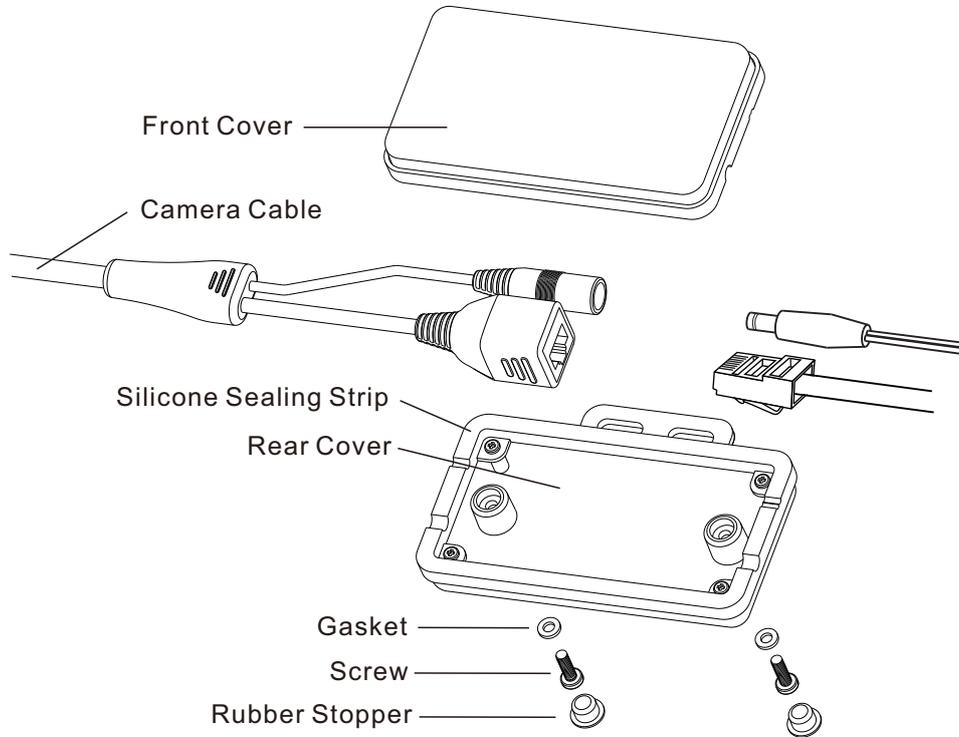


Figure 2

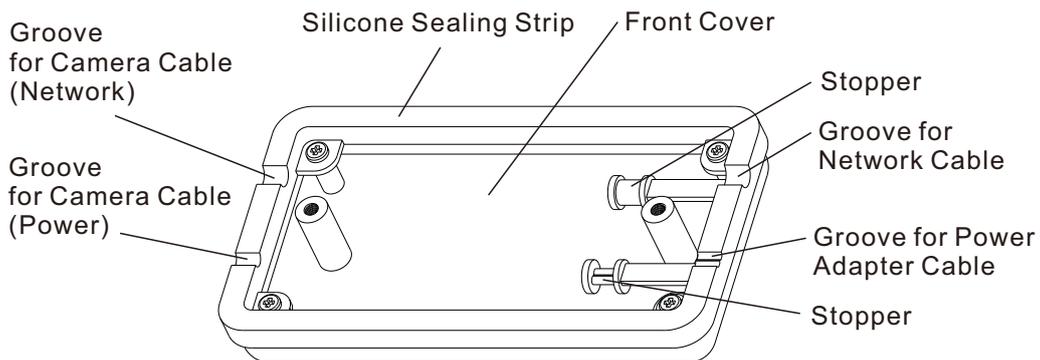


Figure 3

STEP3

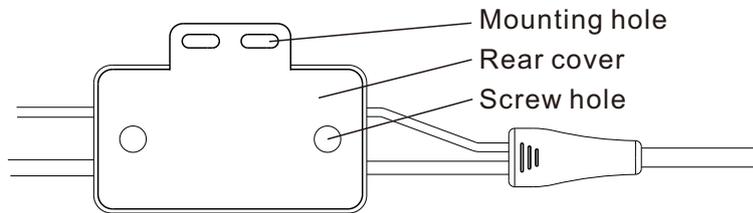
Attach the front cover; ensuring that the groove on the sealing strip presses tightly against the cable. The bigger groove is for network cable and the smaller one is for the power adapter cable.

Please refer to **Figure 2** and **Figure 3**.

Please make sure there is no gap between the front and rear cover sealing strips, as this clean contact provides the waterproof seal.

STEP 4

Secure the front and rear covers using the included screws and gaskets. Once secured, the rubber stoppers should be inserted so as to protect the screws from the weather and allow ease of maintenance in the future. Please refer to **Figure 2**.



NOTICE

If the camera is using a PoE connection, you don't need to connect the power adapter. You must use the attached stopper to block the power cable entry point so as to maintain the waterproofing seal. Please refer to **Figure 3**.

If the camera only uses the Wi-Fi connection, you don't need to connect the network cable. You must use the attached stopper on the sealing strip to block the network cable groove so as to maintain the waterproofing seal. Please refer to **Figure 3**.

Find additional support and information

For more information or support, visit <http://www.phylink.com> or contact support@phylink.com



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