

## Junction box for bullet cameras

DWC-BAJUNC



### WHAT'S IN THE BOX

|                                 |                                                                                     |   |                                 |                                                                                       |   |
|---------------------------------|-------------------------------------------------------------------------------------|---|---------------------------------|---------------------------------------------------------------------------------------|---|
| Waterproof O-Ring               |  | 4 | Mounting Template               |  | 1 |
| Screws and Plastic Anchors      |  | 4 | Quick Setup Guide               |  | 1 |
| RJ45 Installation Tool          |  | 1 | Grommet                         |  | 1 |
| Camera Mounting Screws (4x20mm) |  | 4 | Camera Mounting Screws (4x16mm) |  | 4 |

**NOTE:** Download all your support materials and tools in one place.

1. Go to: <http://www.digital-watchdog.com/resources>
2. Search your product by entering the part number in the 'Search by Product' search bar. Results for applicable part numbers will populate automatically based on the part number you enter.
3. Click 'Search'. All supported materials, including manuals and quick start guide (QSGs) will appear in the results.



## INSTALLATION

1 Separate the mounting plate from the junction base by loosening the four (4) screws. Remove the rubber stickers covering the cabling holes at the base of the junction box.

2 Using the mounting template or the junction base itself, mark and drill the necessary holes on the mounting surface.

3 Pass an RJ45 cable into the junction box base:

### Option A (Recommended):

- Remove the grommet plug.
- Pass the network cable through the grommet at the base of the camera.
- Once the cable is through, add the RJ45 connector.

### Option B:

- Attach the included RJ45 installation tool to the network cable.
- Remove the grommet plug.
- Pass the network cable through the grommet. Pay attention to the direction of the grommet connection.
- Once the cable's connector is through, remove the installation tool. Once the network cable is passed through the grommet:
- Insert the grommet into the bottom the camera base.

**NOTE:** Bending the cable may cause water leakage.

- Connect the RJ45 into the camera's network input at the base of the camera.

4 Secure the mounting plate to the junction base using the screws and anchors included.

5 Make all necessary cable connections to the camera and arrange the cables in the junction box base. For IP cameras, use the waterproof cap and gasket with the network cable to reduce the risk of water leaks. See the camera's QSG for more information.

6 Secure the camera to the mounting plate using the included screws. The junction box has two (2) camera mounting screw sets and two (2) mounting options. See the table below to determine the corresponding screw set and mounting hole set for compatible cameras.

| Screw size  | Compatible camera                                                    | Installation Option                           |
|-------------|----------------------------------------------------------------------|-----------------------------------------------|
| 16mm screws | DWC-XSBE models                                                      | 3x Mounting holes at Ø58 radius (See Diagram) |
| 20mm screws | DWC-B6, DWC-LPR650UW, DWC-MB4, DWC-MBW, DWC-XSBA and DWC-XSBC models | 4x Mounting holes at Ø78 radius (See Diagram) |

7 Connect the mounting plate to the junction box's base using the included screws (from Step 1).

8 Adjust the camera's lens position and angle using the camera's tilting arm. Lock the arm into place by securing the tilting screws at the base of the arm.

