

User Manual

Junction box

Model: DAHUA DH-PFA132-E

The Dahua DH-PFA132-E Junction Box is an accessory designed specifically for Dahua fisheye security cameras, providing a safe, tidy and weatherproof installation. This model allows you to organize the cables properly and protect them from environmental factors that may affect their operation.

1. Features

- **Compatibility:**Compatible with Dahua EBW8 series fisheye cameras.
- **Durable material:**Constructed of high strength aluminum alloy.
- **Protection against external conditions:**IP66 rated to protect against dust and moisture.
- **Easy access design:**Provides quick access to cables and allows for a clean installation.
- **Vandalism resistance:**Withstands harsh outdoor conditions and protects the camera connection from damage.

2. Package contents

x1 Dahua DH-PFA132-E Junction Box
x1 Installation kit (M4 screws*3; ST4 screws*4; Plastic anchor*4) x1
Instruction manual
x1 Mounting sticker

3. Technical specifications

Material:Aluminum alloy

Color:White

Weight:48 kg

Dimensions:φ156mmx39.8mm

Temperature range:-40°C to 60°C

4. Installation

Prerequisites

- Make sure you have a suitable and stable surface for installation.
- Make sure the area is free of dust and moisture before starting.
- Prepare the necessary tools: screwdriver, drill, level.

Installation instructions

1. Select the location: Choose a suitable and safe location for installing the junction box, close to the fisheye camera.
2. Mark mounting holes: Use the base of the box as a template to mark the hole locations on the mounting surface.
3. Drilling holes: Drill the marked holes and insert anchors if the surface requires it.

4. Mounting the junction box:

- Secure the box to the surface with the screws provided.
- Make sure the box is level and tight.

5. Cable connection:

- Open the lid of the box.
- Pass the camera cables through the cable entry hole.
- Connect the cables according to the camera instructions.

6. Sealing:

- Place the rubber gasket on the inlet hole to ensure tightness.
- Close the junction box cover and make sure it is tight to prevent dust or water from entering.

7. Camera mounting:

- Install the fisheye camera into the junction box according to the camera manual.
- Make sure it is firmly attached and properly aligned.

Note: It is recommended to perform a connection test before fully securing the box, to ensure that the camera is working.

5. Maintenance and care

- **Cleaning:** Periodically clean the outside of the case with a dry cloth. Do not use solvents or abrasive detergents.
- **YOInspection:** Check the integrity of the rubber seal and the tightness of the case every three months to ensure that no water or dust enters.

6. Safety precautions

- Install the junction box in a suitable location and away from direct reach of water, unless fully secured in an IP66 environment.
- Avoid installing in humid conditions or with the junction box connected to a power source.
- Always turn off the power before handling cables to avoid electric shock.

7. Troubleshooting common problems

Problem	Possible Cause	Solution
Water entering the box	Badly placed rubber seal	Secure or replace the gasket
Lost connection with the camera.	Loose or damaged cable.	Check and adjust the wiring.
Rusting of screws	Exposure to humidity without protection.	Replace screws and secure sealing.