

User manual

DAHUA DH-PFA5300R - Connection Box for Panoramic Camera
IPC-PFW5849-A180-E2-ASTE

1. INTRODUCTION

Thank you for choosing DAHUA DH-PFA5300R junction box! This junction box is designed specifically for DAHUA panoramic cameras, providing a safe and tidy solution for cable and connection management. It is ideal for the IPC-PFW5849-A180-E2-ASTE panoramic camera, offering additional protection against adverse environmental conditions.

2. PRODUCT SPECIFICATIONS

- Model: DAHUA DH-PFA5300R
 - Material: Aluminum
 - White color
 - Weight: 0.39kg
 - Maximum load: 3 kg
 - Protection: IP66, IK10
 - Compatibility: DAHUA IPC-PFW5849-A180-E2-ASTE panoramic camera
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3. PACKAGE CONTENTS

- 1 x Waterproof Junction Box
 - 4 x M4x10 Screws
 - 3 x ST4X25 Screws
 - 3 x Plastic expansion bolt
 - 1 x S3.0 Key
 - 1 x Water Board
 - 1 x Mounting Adhesive
 - 1 x User Manual
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4. INSTALLATION

4.1 Prerequisites

- DAHUA IPC-PFW5849-A180-E2-ASTE panoramic camera.
- Tools: Drill, screwdriver, level.
- Suitable mounting surface: solid and stable wall or ceiling.

4.2 Installation Steps

1. Selection of Assembly Location:

- Choose a suitable location on the wall or ceiling that is solid and stable, and allows good camera coverage.

2. Preparation of the Area:

- Make sure the surface is clean and free of dust.

3. Marking of Mounting Holes:

- Place the junction box in the desired position and use a pencil to mark the points where the screw holes will be made.

4. Drilling Holes:

- Use a drill to make holes at the marked points. Make sure the holes are deep enough for the expansion plugs.

5. Insertion of Expansion Plugs:

- Insert the expansion plugs into the drilled holes.

6. Fixing the Junction Box:

- Align the junction box with the holes and use the provided screws to secure it firmly in place.

7. Facility of the camera:

- Place the IPC-PFW5849-A180-E2-ASTE panoramic camera into the junction box and secure it using the corresponding screws and accessories.

- Pass the cables through the rubber gasket to protect them and prevent dust and water from entering.

8. Cable Connection:

- Connect the power and data cables according to the camera specifications.
- Make sure all connections are secure and protected.

9. Closing of the Box:

- Close the junction box cover and secure with the screws provided.

5. MAINTENANCE

5.1 Regular Inspection

- Periodically check the junction box and camera to ensure that they are in good condition and securely fastened.

5.2 Cleaning

- Wipe the junction box with a damp cloth to keep it free of dust and debris.

6. TROUBLESHOOTING

6.1 Common Problems and Solutions

6.1.1. The camera is not receiving power:

- either Check the power cable connections and make sure they are securely connected.

6.1.2. Interference or signal loss:

- either Make sure the data cables are properly connected and not damaged.

- either Check the integrity of the rubber gasket to ensure that no dust or water can enter.