

User manual

DAHUA PFA138 - Metal Junction Box

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1. Introduction

Thank you for choosing DAHUA metal junction box! **PFA138**! This box is designed to provide a secure and tidy solution for installing dome and bullet cameras. It is compatible with several DAHUA camera series and is optimized for indoor use.

2. Product Features

- Material: aluminum
- Connections Box
- aesthetic design
- Safety rope hook fixed, safe and reliable

3. Package Contents

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- 1 x Metal Junction Box DAHUA PFA138
 - 1 x Set of Mounting Screws
 - 1 x User Manual.

4. Technical Specifications

- **Material:**Aluminium alloy
- **Dimensions:** $\Phi 161 \times 37 \text{mm}$ ($\Phi 6.34 \text{''} \times 1.46 \text{''}$)
- **Weight:**3.00 kg.

5. Installation

Tools needed

- **Drill**
- **Screwdriver**
- **Measuring tape**
- **Level**

Installation Steps

- 1. Select the Installation Location:** Choose a suitable location indoors where you want to mount the junction box.
- 2. Mark Mounting Points:** Use the template provided to mark the drilling points on the mounting surface.
- 3. Drill Holes:** Using a drill, make the holes at the marked points.
- 4. Assemble the Junction Box:** Secure the junction box to the surface using the screws provided.
- 5. Connect the Cables:** Route the cables through the bottom or side entry of the box.
- 6. Set Camera:** Mount the compatible camera to the junction box according to the camera manufacturer's instructions.

6. Cable Connection

- 1. Prepare the Cables:** Make sure power and data cables are properly prepared and labeled.
- 2. Pass the Cables:** Feed the wires through the openings in the junction box.
- 3. Connect the Cables:** Connect the cables to the corresponding terminals on the camera.
- 4. Secure the Cables:** Secure cables inside the box to prevent accidental disconnections.

7. Maintenance

- **Regular Inspection:** Perform periodic inspections to ensure that the junction box and cables are in good condition.
 - **Cleaning:** Clean the junction box with a soft, dry cloth. Avoid the use of aggressive chemicals.
 - **Check Connections:** Check that all connections are tight and free of corrosion.
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