

User Manual - Dahua PFM922I-5EUN-C

1. Introduction

The Dahua PFM922I-5EUN-C cable reel is a high-quality cabling solution designed to provide reliable and stable connections in network and video applications. With 305 meters of Category 5e UTP cable, featuring copper-clad aluminum (CCA) conductors, this cable is optimized for superior performance in indoor environments.

2. Key Features

- **Material:** CCA (copper-clad aluminum), combining good conductivity with a cost-effective option.
 - **Category 5e:** Suitable for network and video applications with adequate transmission speed.
 - **Length:** 305 meters of cable, providing flexibility and ample reach for extensive installations.
 - **White Color:** Easily integrates into indoor environments, offering a professional appearance.
 - **Indoor Use:** Specifically designed for indoor environments, ensuring optimal performance in controlled conditions.
 - **FR-PVC Jacket:** Provides a protective layer that complies with ROHS regulations, ensuring safety and durability.
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3. User Guide

3.1 Installation

- **Preparation:** Place the reel in a secure and stable location to facilitate cable unwinding.
- **Unwinding:** Carefully unwind the cable to avoid twists and ensure a smooth installation.

3.2 Connection

- **Connectors:** Cut the cable to the required length and prepare the ends for RJ45 connector installation.
 - **Routing:** Route the cable through conduits or protected areas to minimize the risk of physical damage.
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4. Maintenance

- **Storage:** If the entire reel is not used, store the cable in a dry and clean place to avoid damage.
 - **Inspection:** Regularly check connections and the condition of the cable for any signs of wear or damage that may affect performance.
 - **Cleaning:** Keep the cable free from dust and dirt to ensure optimal connections.
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5. Applications

The Dahua PFM922I-5EUN-C cable reel is ideal for:

- **Data Networks:** Installations in offices, data centers, and other commercial environments where efficient data transmission is required.
 - **Video Systems:** Connecting security cameras and other surveillance equipment in security installations.
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6. Safety

- **Precautions:** Avoid excessive bending or force on the cable to prevent internal damage.
 - **Proper Use:** Only use this cable for applications it is designed for, specifically indoor use.
 - **Warnings:** If any issues are detected in data transmission, inspect the cable for cuts or damage before proceeding with repairs.
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7. Troubleshooting

7.1 Common Issues

- **Unstable Connection:** Check the connections at the cable ends and ensure the connectors are properly installed.
- **Signal Loss:** Inspect the cable for any physical damage that may be affecting signal quality.

7.2 Technical Support

If you experience issues not covered in this guide, contact Dahua technical support, providing details of the issue and the product's serial number for further assistance.