

User Manual

User Manual for Pair of DAHUA PFM800B-4K Passive Transceivers

Content

1. -Introduction.
2. Main features
3. Package content
4. Connection diagram
5. Instructions for use
6. Maintenance
7. Warnings

1. Introduction

Welcome to the user manual for the DAHUA PFM800B-4K Passive Transceiver Pair! This product is designed to facilitate the transmission of high definition video signals up to 8 megapixel resolutions over coaxial cabling without the need for additional power.

2. Main Features

- **Resolution Compatibility:** Supports resolutions up to 8 megapixels (4K), as well as 720P, 1080P, 4MP and 5MP.
- **Transmission Distance:** It can transmit video signals up to a distance of 200 meters in 4K resolution.
- **Compatible Formats:** Compatible with HDCVI, TVI, AHD and CVBS formats, ensuring wide versatility of use with different types of cameras and systems.
- **Simple Installation:** No external power required, simplifying installation and reducing deployment cost.
- **Compact and Durable Design:** Designed to withstand harsh environmental conditions and ensure stable and reliable transmission.

3. Package Contents

- 2 x DAHUA PFM800B-4K Passive Transceivers

4. Connection Diagram

- 1.**Connection from the Camera:** Connect the coaxial cable from the video output of the camera to the BNC connector of the passive transceiver.
- 2.**Connection to the Recorder (DVR):** Connect the other end of the coaxial cable to the BNC connector of the passive transceiver on the DVR side.
- 3.**Video Connection:** Make sure the Transceivers are connected correctly to allow transmission of high quality video signals.

5. Instructions for Use

Step 1: Preparation

- Make sure you have all the components in the package before beginning the installation. Verify that the length of the coaxial cable is sufficient for the required distance between the camera and the DVR.

Step 2: Connecting the Transceivers

- Connect the coaxial cable from the camera's video output to the BNC connector on the passive transceiver labeled "Camera."
- Connect the other end of the coaxial cable to the BNC connector on the passive transceiver labeled "DVR."

Step 3: Verification and Adjustments

- Check that all cables are properly connected and secured.
- Make sure the video source on the DVR is set to the appropriate signal type (HDCVI, TVI, AHD or CVBS) based on your camera settings.

Step 4: Function Test

- Power on the system and make sure the video signal is transmitted correctly from the camera to the DVR.
- Adjust the position of the Transceivers if necessary to improve signal quality.

6. Maintenance

- Regularly inspect connections to ensure they are clean and secure. Keep the Transceivers in a dry and protected place to prolong their life.

7. Warnings:

- Do not expose the Transceivers to extreme temperatures or excessive humidity.
- Avoid contact with liquids and corrosive substances that may damage electronic components.