User manual

DAHUA GSFP-1310-20-SMF

Introduction

Thank you for purchasing the DAHUA GSFP-1310-20-SMF optical module! This manual will provide you with all the information necessary for the installation, configuration and proper use of the device. This module is designed to offer reliable, high-speed data transmission over single-mode fiber, with a transmission distance of up to 20 km.

Product characteristics

- **Model:**DAHUA GSFP-1310-20-SMF
- **Fiber Type:**Singlemode
- **Connector Type**: LC port
- **Transmission Wavelength:**1310nm
- **Reception Wavelength:**1310nm
- **Transmission Distance**: Up to 20 km
- **Data speed:**Gigabit

Package content

When opening the package, make sure it contains the following items:

- **x1**DAHUA GSFP-1310-20-SMF optical module
- **x1**User Manual (this document)
- **x1**Warranty card

Previous requirements

Before proceeding with the installation, make sure you have the following:

- A device compatible with the SFP optical module (Switch, Router, etc.).
- Single-mode fiber optic cable with LC connectors.
- Access to tools necessary for installation (if necessary).

Installation Instructions

Turn off the Device:

1. Before installing the SFP module, turn off the device where it is to be installed.

Insert the SFP Module:

1. Locate the SFP port on your device.
2. Insert the DAHUA GSFP-1310-20-SMF optical module into the SFP port.
3. Make sure the module is correctly aligned and firmly inserted.

Connect the Fiber Optic Cable:

1. Connect the fiber optic cable to the LC port of the SFP module.
2. Make sure connections are tight and secure.

Turn on the Device:

1. Turn the device back on. The SFP module should be recognized automatically.

Connection and Configuration

Once the SFP module is installed and the device is powered on:

Verify Connection:

1. Check the LED indicators on the device to ensure that the SFP module is working properly.
2. Make sure the fiber optic connection is active and transmitting data.

Additional Configuration:

1. If necessary, access the device management interface to make additional settings.
2. Configure network parameters according to your specific needs.

Troubleshooting

- **The module is not recognized:**

1. Make sure the module is inserted correctly.
2. Verify that the device supports SFP modules.
3. Restart the device.

- **Data transmission problems:**

1. Check the fiber optic cable connections.
2. Make sure the fiber is not damaged.
3. Check the device configuration parameters.

Maintenance and Care

Cleaning

Use a soft, dry cloth to clean the module. Do not use chemicals.

Storage

Store the module in a dry, dust-free place when not in use.

Driving

Handle the module with care to avoid damage to the connectors.