PoE Repeater

Quick Start Guide

UD36738B

Preface

Applicable Models

This manual is applicable to PoE repeaters.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
	Provides additional information to emphasize or supplement important points of the main text.
	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

1 Introduction

1.1 Product Introduction

100 Mbps PoE repeaters (0103DP series) feature one 10/100 Mbps PoE IN port and two 10/100 Mbps PoE OUT ports, and Gigabit PoE repeaters (0503DP series) feature one gigabit PoE IN port and two gigabit PoE OUT ports. The devices are plug-and-play, requiring no external power supply. When connected to Hikvision's PoE switches, PoE repeaters can extend the network transmission distance while providing power.

1.2 Packing List

Please check if the package is damaged first. If the package is intact, unpack it and check whether the accessories provided with the product are available by referring to the packing list. Then, you can continue to install the device.

Table 1-1 Packing List

Accessory	Quantity
PoE Repeater	× 1
Quick Start Guide	× 1
Regulatory Compliance and Safety Information	× 1

1.3 Appearance

Device appearances vary with different models. The actual device prevails.

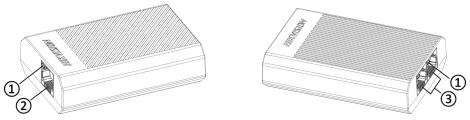

Figure 1-1 PoE Repeater

Table 1-2 Port/Indicator Description

No.	Indicator/Port	Description
①	LINK/ACT Indicator	● Solid on: The port is connected. ● Flashing: The port is transmitting data. ● Unlit: The port is disconnected or connection is abnormal.
②	PoE IN Port	10/100 Mbps or gigabit PoE IN port, used for connection to a PSE (such as a PoE switch) that meets the PoE repeater's power supply standards.
③	PoE OUT Port	10/100 Mbps or gigabit PoE OUT port, used for connection to an IPC, switch, or PoE repeater, extending the network transmission distance.

2 Installation and Wiring

Before You Start

Ensure that the desktop is stable and firm enough.

2.1 Desktop Placement

Place the device on the desk.

2.2 Wiring

As shown in Figure 2-1, use a network cable to connect the PoE IN port of the PoE repeater to a RJ45 port of the PoE switch, one PoE OUT port of the PoE repeater to the RJ45 port of an IPC, and the other PoE OUT port of the PoE repeater to the PoE IN port of another PoE repeater respectively.

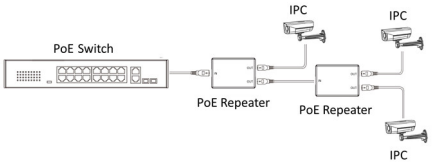

Figure 2-1 Example of PoE Repeater's Wiring

Note

Another PoE repeater can be connected to two IPCs, further extending the network transmission distance of the entire network.