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Wi-Fi Repeater Quick Start Guide

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Applicable Models

This guide is applicable to the model: DS-3WR12C2.

Symbol Conventions

The symbol that may be found in this document is defined as follows.

Symbol	Description
	Provides additional information to emphasize or supplement important points of the main text.

Packing List

- Wi-Fi Repeater x 1
- Quick Start Guide x 1
- Regulatory Compliance and Safety Information x 1

Chapter 1 Introduction

LED indicators

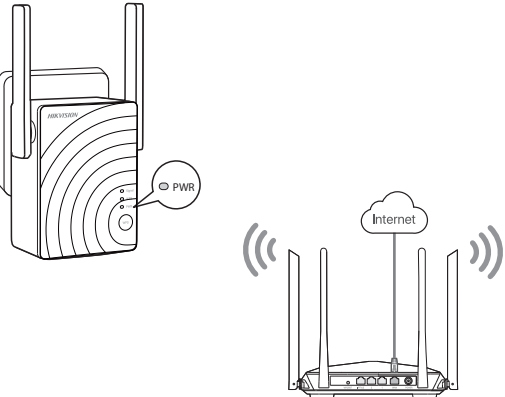
LED Indicator	Status	Description
Signal	Solid blue	Extended successfully, and the connection quality is good
	Solid red	Extended successfully, and the connection quality is poor
WPS	Off	The repeater does not connect to your Wi-Fi router
	Blinking	A WPS connection has been established
PWR	Blinking	Performing WPS negotiation with a Wi-Fi router
	Off	The WPS function is disabled
PWR	Solid on	Powered on
	Off	Powered off

Button and port

Button/Port	Description
WPS	For instructions, see Method 2: Set up the repeater by WPS button in Chapter 3.
RESET	Reset button. With your repeater powered on, press the reset button (RESET) using a paper clip. All LED indicators light up then turn off. When the PWR LED indicator turns solid on again, the repeater is restored to the factory settings.
LAN port	In repeater mode, it is used to connect to a computer or an IPTV STB. In AP mode, it is used to connect to your wired router to provide wireless network for wireless devices.

Chapter 2 Power on the repeater

Plug the repeater into a power outlet near the Wi-Fi router. Ensure that the PWR LED indicator is solid on.



Chapter 3 Connect the repeater to the Internet

Method 1: Set up the repeater by web UI

Connect the client to the repeater.

- Method 1: Connect the Wi-Fi-enabled device such as a smartphone to the Wi-Fi network of repeater.
- Method 2: Use an Ethernet cable to connect the computer to the LAN port of the repeater.

Note

The default Wi-Fi name (SSID) is **HIKVISION_XXXX**. By default, it has no password.

- You will be directed to the quick setup page within one minute.
- If not, start a web browser, and enter <http://hikrepeater.net> in the address bar to access the repeater's web UI. (Example: smartphone)

 <http://hikrepeater.net/quickstart.html> 

2. Create a login password for security (recommended) and tap Next.

Create your login password
(For security, you are recommended to use a login password)

Repeat (3 to 6 characters)

Confirm (3 to 6 characters)

Next

3. Select the Wi-Fi network (SSID) you want to extend.

4. If the Wi-Fi network you chose is encrypted, enter the password for the selected Wi-Fi network. Modify your repeater's SSID (optional), and tap **Extend**.

Wait until the **Extended successfully** page appears.

Chapter 5 Connect clients to the Internet

Wi-Fi-enabled device: Connect to the Wi-Fi network of repeater.

After extending, the Wi-Fi name and Wi-Fi password of the repeater are shown in the table below.

	If the repeater is set through the Web UI	If the repeater is set through the WPS button
Wi-Fi name	Wi-Fi name you set Or Your Wi-Fi router's SSID with the suffix _EXT or _5GEXT	Your Wi-Fi router's SSID with the suffix _EXT or _5GEXT
Wi-Fi password	Same as the router	Same as the router

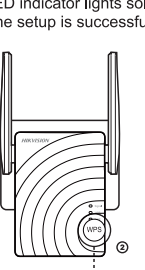
Wired device: Connect to the LAN port of repeater using an Ethernet cable.

Method 2: Set up the repeater by WPS button

Note
This method is applicable for the Wi-Fi router having a WPS function, which may be indicated by [S], [W], or [P].

- Press the WPS button on the Wi-Fi router to enable its WPS function.
- Within 2 minutes, press the WPS button (1-3s) on the repeater.

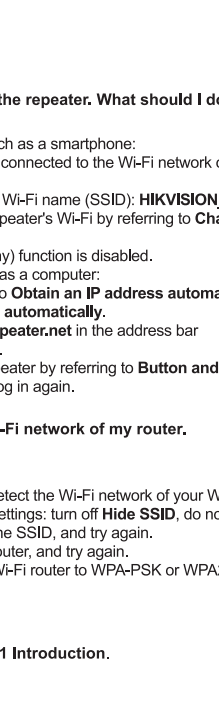
The WPS LED indicator blinks. When the WPS LED indicator lights solid on, and the Signal LED indicator lights solid on, the setup is successful.



Within 2 minutes

Chapter 4 Relocate the repeater

- Refer to the following relocation tips to locate the repeater to obtain a better performance.
 - Place the repeater between the Wi-Fi router and the Wi-Fi dead zone (within the coverage of the router).
 - Keep your repeater away from electronics with strong interference, such as microwave ovens, induction cookers, and refrigerators.
 - Place the repeater in a high position with few obstacles.
 - Unfold the antennas and point them vertically upwards.
- Observe the Signal LED indicator of the repeater to ensure the repeater is located in the proper position.
 - Solid blue: Extended with good connection quality.
 - Solid red: Extended with poor connection quality.



Proper position: Signal LED indicator lights solid blue

DS-BW1612C

DS-Signal

Wi-Fi router

Repeater

Chapter 6 FAQ

Q1. I cannot log in to the web UI of the repeater. What should I do?

A1.

- If you are using a wireless device, such as a smartphone:
 - Ensure that your smartphone has connected to the Wi-Fi network of the repeater.
 - Before extending: Use the default Wi-Fi name (SSID) **HKWVISION_XXXX**. After extending: Reconnect the repeater's Wi-Fi by referring to **Chapter 5 Connect clients to the Internet**.
- If you are using a wired device (if any) such as a computer:
 - Ensure that your computer is set to **Obtain an IP address automatically and Obtain DNS server address automatically**.
 - Ensure that you enter <http://hkcrepeater.net> in the address bar (not searching bar) of the browser.
- If the problem persists, reset the repeater by referring to **Button and port in Chapter 1 Introduction**, and then log in again.

Q2. The repeater cannot find the Wi-Fi network of my router. What should I do?

A2.

- Ensure that your smartphone can detect the Wi-Fi network of your Wi-Fi router. If not, change your router's settings: turn off **Hide SSID**, do not combine 2.4 GHz and 5 GHz into one SSID, and try again.
- Change the channel of your Wi-Fi router, and try again.
- Change the encryption type of the Wi-Fi router to WPA-PSK or WPA2-PSK and try again.

Q3. How to reset the repeater?

A3. See **Button and port in Chapter 1 Introduction**.