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This guide is applicable to the model: DS-3WRE12C.

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

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

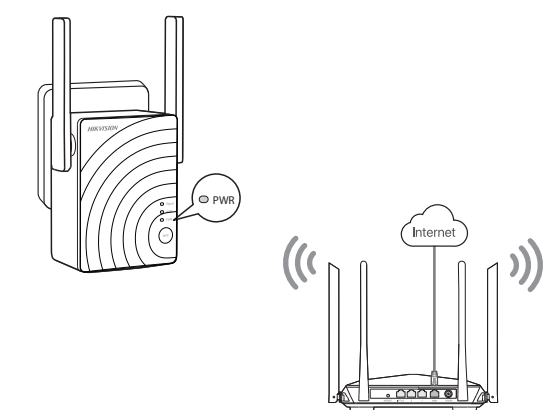
- Wi-Fi Repeater x 1
- Quick Start Guide x 1
- Regulatory Compliance and Safety Information x 1

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
	Off	The repeater does not connect to your Wi-Fi router
WPS	Solid on	A WPS connection has been established
	Blinking	Performing WPS negotiation with a Wi-Fi router
	Off	The WPS function is disabled
PWR	Solid on	Powered on
	Off	Powered off

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.

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

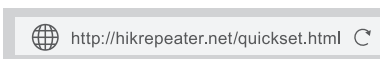


Method 1: Set up the repeater by web UI

- 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.

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

1. 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)



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

hikvision@local
HIKVISION_XXXX

< > Log In Cancel

Select a WiFi network you want to extend...

HIKVISION_1

Rescan Switch Mode

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**.

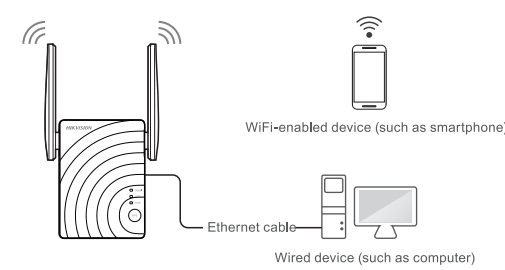
The screenshot shows the 'Extend' screen in the Hikvision mobile app. At the top, the status bar displays the time 12:00 and battery level 90%. The app header shows the URL 'hikvisionwifi.local', the device name 'HIKVISION_XXXX', and navigation icons for back, forward, login, and cancel. The main content area is titled 'Your existing WiFi network' and contains a text input field with the placeholder 'Enter the password of "HIKVISION_1"'. Below this is a section titled 'The extended WiFi network' which displays the SSID 'HIKVISION_1_5GEXT'. A note states: 'Extender WiFi password is the same as that of your existing WiFi network.' At the bottom, there are two buttons: 'Back' and 'Extend'.

Wait until the **Extended successfully** page appears

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 _SGEXT	Your Wi-Fi router's SSID with the suffix _EXT or _SGEXT
Wi-Fi password	Same as the router	Same as the router

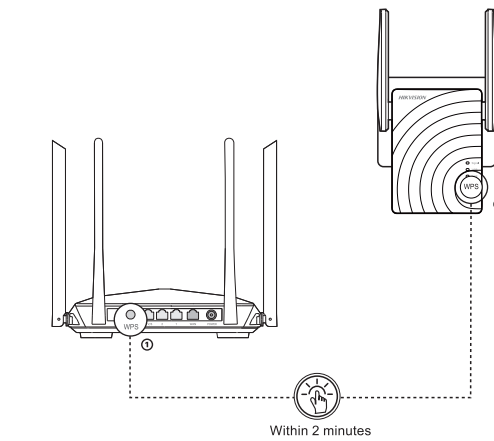
Wired device: Connect to the LAN port of repeater using an Ethernet cable.



Note
This method is applicable for the Wi-Fi router having a WPS button, which may be indicated by .

1. Press the WPS button on the Wi-Fi router to enable its WPS function.
2. 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.



1. 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.
2. 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.

3. If the connection quality is poor, move the repeater closer to the Wi-Fi router.

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

- If you are using a wireless dist., 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): **HIKVISION_XXXX**
- After extending: Reconnect the repeater's Wi-Fi by referring to **Chapter 5**
- Connect clients to the repeater**
- If you are using a wired client, such as a computer:
 - Ensure that the **Mobile Data** (if any) function is disabled.
 - If you are using a wired client, 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://hikrepeater.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.

