240mm
80mm
105mm
210mm

HIKVISION

Wireless N300 Universal Range Extender
Quick Start Guide

See Far, Go Further

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Applicable Models
This guide is applicable to the model: DS-3WRE3N

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.

Packing List
- Wi-Fi Extender x 1
- Quick Start Guide x 1
- Regulatory Compliance and Safety Information x 1

Safety Instructions
- Do not use the device in a place where wireless devices are not allowed,
- Clean only with dry cloth,
- Do not block any ventilation openings, such as newspapers, table-cloth, curtains,
- To avoid electrical shocks, do not insert any object into the ventilation openings,
- Do not place the device near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat,
- Unplug this device during lightning storms or when unused for long periods of time,
- The mains plug is used as the disconnect device, which shall remain readily operable,
- Operating environment: Temperature: 0°C ~ 40°C (32°F ~ 104°F,); Humidity: (10% ~ 90%) RH, non-condensing; Storage environment: Temperature: -40°C ~ 70°C (-40°F ~ 158°F,); Humidity: (5% ~ 90%) RH, non-condensing,
- Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture, The apparatus shall not be exposed to dripping or splashing,
- Warning: To reduce the risk of electric shock, do not remove cover as there are no user-serviceable parts inside, Refer servicing to qualified personnel.

Chapter 1 Introduction

Indicator

Indicator	Scenes	Description
	Power-on	Solid red: Starting Blinking red: Startup completed Off: Powered off
	Extend network	Solid green: Extended successfully, and the connection quality is good Solid orange: Extended successfully, and the connection quality is poor Blinking red: Extending your existing Wi-Fi network, or extending failed
	WPS	Solid red 3 seconds → Blinking quickly red: Performing WPS negotiation with a Wi-Fi router
	Reset	Blinking red once (reset succeeded) → Solid red (extender starting) → Blinking red (extender startup completed)

Buttons

WPS button

For instructions, see **Method 2** in **Chapter 3 Connect the extender to the internet.**

RST **Reset button**

With your extender powered on, press the reset button (RST) using a paper clip, Release it when the indicator lights red. The extender is restored to the factory settings.
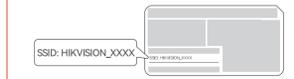
Chapter 2 Power on the extender

Plug the extender into a power outlet near the Wi-Fi router,
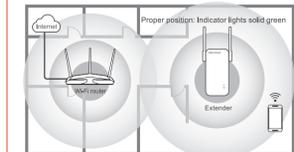Ensure that the indicator (🔆) blinks red.

Internet

Chapter 3 Connect the extender to the Internet

Method 1: Set up the extender by web UI

1. Connect your Wi-Fi-enabled device to the Wi-Fi network of extender.
The default Wi-Fi name (SSID) is labeled on your extender, By default, it has no password,

SSID: HIKVISION_XXXX

2. You will be directed to the quick setup page within one minute, If not, start a web browser, and enter **http://hikextender.net** or **192.168.0.1** in the address bar to access the extender's web UI,

http://hikextender.net/quickset.html

3. Choose the Wi-Fi network to be extended,
4. If the Wi-Fi network you chose is encrypted, enter its Wi-Fi password, Change the Wi-Fi name and Wi-Fi password (if any) of the extender as required, If not changed, the extender's Wi-Fi name and Wi-Fi password are the same as those of your existing Wi-Fi network,
5. Tap **Done** or **Finish,**
* The web UI may vary with versions, The actual product prevails,

Extender		Extender
Internet Settings		Enter the password of "Hikvision_T"
Choose an existing WiFi network		WiFi Password 8 or more characters
		Your Extender WiFi Network
Hikvision_1		Extender SSID Hikvision_1
		Extender WiFi password is the same as that of your existing WiFi network
		Done

Or

Select WiFi Name > Enter password
Please select a WiFi name...
Select   WiFi Name   WiFi Signal strength
⚙ Hikvision_1
Next

Select WiFi Name > Enter password
Base Station WiFi Name: Hikvision _1
Enter the WiFi password of the Base Station
☑ Set up the extender's WiFi name and password to the same as those of the Base Station
Back   Finish

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

Method 2: Set up the extender by WPS button

📖 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 extender,
The indicator (🔆) lights solid red for 3 seconds, then blinking red quickly, When the indicator lights solid green, the setup is successful.

Within 2 minutes
Press

Chapter 4 Relocate the extender

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

Proper position: Indicator lights solid green

Wi-Fi router   Extender

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

Chapter 5 Connect clients to the Internet

Connect your Wi-Fi-enabled devices to the extender's Wi-Fi network,
After extending, the Wi-Fi name and Wi-Fi password of the extender are the same as those of the router or those you set on the web UI,
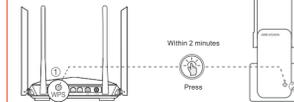

Wi-Fi-enabled device (such as smartphone)

Chapter 6 FAQ

Q1. I cannot log in to the web UI of the extender. What should I do?
A1.
- Ensure that your Wi-Fi-enabled device (such as smartphone) has connected to the Wi-Fi network of the extender,
  - Before extending: Use the default Wi-Fi name (SSID) labeled on your extender,
  - After extending: Stay near your extender, Reconnect the extender's Wi-Fi by referring to **Chapter 5 Connect clients to the internet,**
- If a smartphone is used, ensure that the **Mobile Data** (if any) function is disabled,
- If the problem persists, reset the extender by referring to **Buttons,** and then log in again,

Q2. The extender 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,
- 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. I cannot find the Wi-Fi name of the extender after extending network successfully, What should I do?
A3. The possible reason is that you did not customize the extender Wi-Fi name when extending the network, In this case, the Wi-Fi name of the extender is the same as the upstream Wi-Fi router after the extension is successful,

Q4. How to reset the extender?
A4. See **Button** in **Chapter 1 Introduction.**

Q5. How to set up a login password for my extender?
A5. Connect your Wi-Fi-enabled device to the extender's Wi-Fi network, log in to extender's web UI, and perform as follows:
- For smart smartphones/tablets:
  Tap ⚙ on the homepage, tap **Set Login Password**, then follow the on-screen instructions,
- For laptops, or a desktop computer installed with a wireless adapter:
  Navigate to **Administration**, and follow the on-screen instructions,