StarHub
LINKSYS®
MAX-STREAM
EA8100 Router

StarHub – Typical Fibre Set Up

Wireless Router

Power Sockets   Optical Network Terminal (ONT)

LAN Cable Cat 5e or Cat 6/RJ45

DECT phone

Fibre Termination Point (FTP)

Fibre Cable/Patch Cord (attach to Optical port underneath ONT)

①
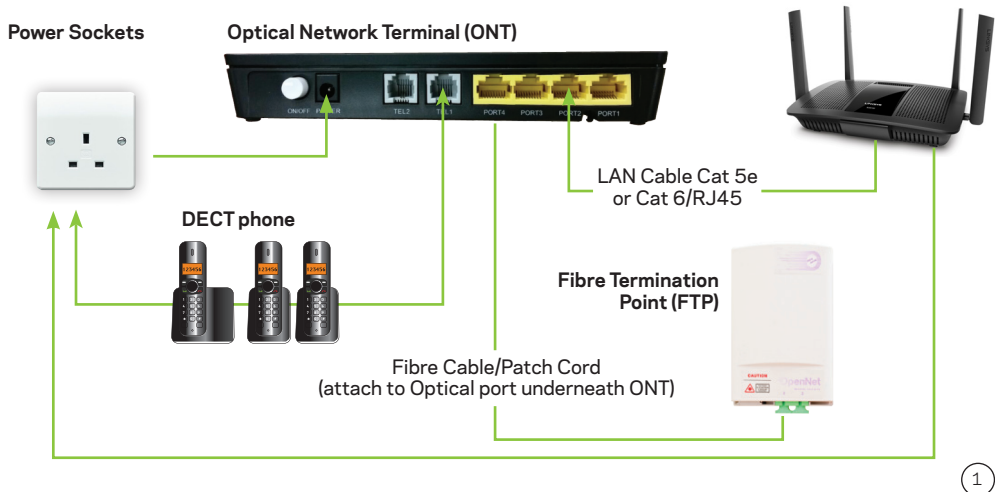
StarHub Router Installation Guide

ONT

Router   Power Socket

Internet LED: Fixed White

▶ First, switch off power to your ONT.
▶ Unplug and remove your old router from the ONT.
▶ Connect an Ethernet cable from the LAN port on your ONT to the Internet Port (yellow) of the Linksys EA8100 router.

▶ Plug the power back into your ONT. Please wait about one minute before continuing.
▶ Plug the power adapter into Linksys EA8100 and connect to an available power outlet or surge protector. If the Power LED (white Linksys) does not light up, press the Power button on the back of Linksys EA8100 router.
▶ Upon powering up the Linksys EA8100, the Linksys LED logo will stay in solid white once it has been booted up successfully.

▶ Scan for the wireless network name as listed on the supplied Wi-Fi configuration label at the bottom of the Linksys EA8100. Select the network and then enter the Wi-Fi password as stated on the label.
▶ Once connected, open the web browser in your laptop or mobile device, and type in **http://linksyssmartwifi.com** or **http://192.168.1.1**.
▶ A welcome page shall appear with the license agreement. Once you accept the license agreement, the Linksys EA8100 LED will indicate whether the Internet service is up or down.
  The Linksys LED will stay solid white when the Internet is up. It will blink in white when the Internet is down.
▶ Your Wi-Fi should now be working. Next create a Linksys Smart Wi-Fi account. Go to **http://linksyssmartwifi.com**. With your Linksys Smart Wi-Fi account, you will get access to Linksys Smart Wi-Fi tools and the Linksys app that will make your home network easier to manage and enjoy.
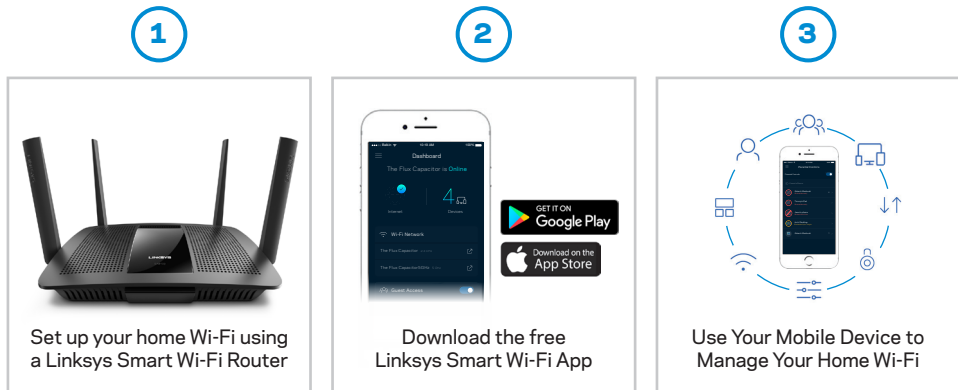
Please note that if you have your own CCTV/Security/PABX installation/Gaming/ other port forwarding setup in your home premises (current router), please refer to your specific vendor/provider for further assistance when you are replacing your current router with a NEW router.

②

Monitor and control your home Wi-Fi. Anytime. Anywhere – Download the Linksys Smart WiFi app

Download the Linksys App to your phone for easy set up. Follow the App instructions to complete set up.

Quick and Easy Setup
Managing your home Wi-Fi with Linksys Smart Wi-Fi is fast and easy:

①   ②   ③

GET IT ON Google Play

Download on the App Store

Set up your home Wi-Fi using a Linksys Smart Wi-Fi Router

Download the free Linksys Smart Wi-Fi App

Use Your Mobile Device to Manage Your Home Wi-Fi

③

Monitor and control your home Wi-Fi. Anytime. Anywhere – Download the Linksys Smart WiFi app

Manage your home WiFi from any mobile device
Download the Linksys App to your phone for easy set up. Follow the App instructions to complete set up.

DEVICE LIST
See Who's Online
View which devices are connected to your home Wi-Fi

GUEST ACCESS
Share Your Wi-Fi
Permit up to 50 guests Wi-Fi access

DEVICE PRIORITIZATION
Play Favorites
Assign connection hierarchy for all devices

PARENTAL CONTROLS
Set Boundaries
Manage your kids' access and usage

ADVANCED SETTINGS
Connect Better
Access advanced features to get more out of your router

WIRELESS
Connect and Share Safely
Password retrieval, connect and share home Wi-Fi

DASHBOARD
Wi-Fi at Your Fingertips
Get real-time info about your Wi-Fi network

MANAGE NETWORKS
Simplify Network Access
Manage your network, all in one place

http://www.linksys.com/us/wireless-routers/c/smart-wi-fi-wireless-routers/#fullstory

④

To ensure you get the best performance from your router – Enable Automatic Updates

Upgrading the firmware of your router allows you to fully enjoy its complete features. It is especially important to update the firmware when installing your Linksys Smart Wi-Fi Routers for the first time to prevent a notification from prompting when you access some of the router and network settings again. If the setup wizard was used to configure your Linksys EA8100 automatic updates will be turned on by default. You may, however, choose to manually enable automatic updates by following the steps below.

Enabling Automatic update
Managing your home Wi-Fi with Linksys Smart Wi-Fi is fast and easy:

▶ **Step 1:**
Router Settings
Connectivity
Troubleshooting
Wireless
Security

Log in to your Linksys cloud account at www.linksyssmartwifi.com. Once the web interface opens, click Connectivity.

NOTE: If you don't have a Linksys cloud account, open a web browser and enter "http://myrouter.local" or "192.168.1.1" in the Address bar instead to access the router's interface.

▶ **Step 2:** Under the Firmware Update section, check the box to enable the Automatic firmware update option. Once done, click Apply to save the changes.

Firmware Update
☑ Automatic   (Current Version: 1.1.26.140196)
Check for Updates
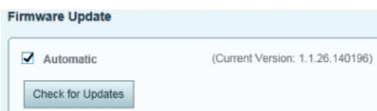
When connected to the internet, the router will be able to detect available updates for you to apply on your device.

Keeping your home router updated is a crucial part of not just staying secure but to also enhance the performance of your router.

Security Features and Fixes
Linksys may issue firmware updates to upgrade features such as outdated encryption modules or to add entirely new security mechanisms that weren't in previous versions of the firmware.

Performance Enhancements
Updating your firmware can enhance your router's overall performance. If you don't update your firmware then you won't be able to take advantage of any speed boosting upgrades that Linksys might have released in an update.

⑤

For security reasons - Change Default Passwords

What is the Router Password for?
The Router Password is an administrator password used when accessing the router's web-based setup page. The default Router Password for all Linksys Smart Wi-Fi Routers is *'admin'*. However, it is recommended that you change the default password to a new and personalized one to ensure that the router is safe from unauthorized access.
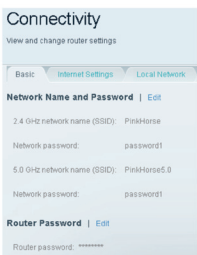
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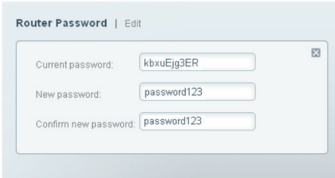
▸ **Step 2:** Click Connectivity

▸ **Step 3:** Click Edit Router Password

▸ **Step 4:** Follow Instructions to change your password

For Additional information and how to videos visit the links below.
http://www.linksys.com/fi/support-article?articleNum=142491
https://www.youtube.com/watch?v=tXlS9eObXuA

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Troubleshooting

1. **How can I reset the Linksys EA8100 to factory defaults?**
   There are **two (2)** ways to reset the Linksys EA8100 to factory defaults:
   Hardware Reset – Press and hold the Reset button on the back panel of the Linksys EA8100 for about 10 seconds.
   Software Reset – Log in to your Linksys Smart Wi-Fi Account. Under Router Settings, click **Troubleshooting** > **Diagnostics**. Click **Reset** under Factory reset.

2. **I have reset the Linksys EA8100 and now I can't launch the setup page. What should I do?**
   You can try the following troubleshooting suggestions:
   ▪ Access your Linksys Smart Wi-Fi account locally by opening your web browser and typing in **http://192.168.1.1.** Input the admin password which is 'admin'.
   ▪ If your computer has a static IP Address, make sure it has valid DNS numbers. If not, set the computer to obtain an IP address automatically.
   QUICK TIP: Try again then, if needed, reassign a static IP Address back on on the computer.

3. **What should I do if I can't connect to the Internet wirelessly and my network name is not listed in the Available Networks?**
   Try to perform the following steps to resolve the issue:
   ▪ Verify that your router is ON and the Power logo is solidly lit.
   ▪ If you are far from the router, you might try moving closer to see if your device is out of the wireless network range.
   ▪ Using a computer wired to the router, open the router's web-based setup page by entering "myrouter.local" or "http://192.168.1.1" and make sure that Broadcast SSID is ON.
   ▪ Turn the router OFF and power it back ON.

4. **Can I also block HTTPS websites in Parental Controls?**
   Yes, website addresses starting with **https://** can be blocked but, because they have encryption, the Linksys Smart Wi-Fi cannot redirect you. Instead of a page telling you the Address has been blocked, you will see a browser error page.

Additional FAQs and Troubleshooting information can be found at www.Linksys-SH.com

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Linksys EA8100 is DFS Certified

DFS Certified

Dynamic Frequency Selection (DFS) is a mechanism that is designed to allow wireless routers to operate on the 5GHz frequency band that is traditionally allocated to radar systems. The Linksys EA8100 is DFS certified which enables it to operate in a clear airspace denied to traditional routers. This certification triples the number of channels available at 80MHz.

A DFS band provides you with additional 5GHz channels which are less congested compared with the common Bands 1 and 4 on the 5GHz channels, enabling better performance in a router.

However, please note that:
▪ When DFS is enabled, the router will monitor the radar signal frequency in the environment. If radar signals are detected on the current channel, the router will switch to an alternate channel automatically (Band 4 or Band 1).
▪ During this channel switch, you might encounter a short disconnection on 5GHz, however, the connection will be restored after a short while.
▪ After the channel switch, the router will keep the operating channel to either Band 4 or Band 1 until the next reboot.
▪ Alternatively, you may manually select your preferred channel from the Linksys Smart Wi-Fi app or GUI.

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How to Optimize your Wi-Fi with the antennas

The Linksys EA8100 Max-Stream™ AC2600 MU-MIMO Gigabit Wi-Fi Router comes with four external adjustable dual-band dipole antennas that provide powerful streams of data to multiple devices in a single-story or multi-story home. The Linksys EA8100 external antennas feature:
▪ Large, overlapping Wi-Fi patterns for maximum signal strength and coverage
▪ Enhanced dual-band communication
▪ Antenna diversity for more robust connection with wireless clients

All external antennas are adjustable to different positions depending on your preference and network environment

In order to optimize your antennas' maximum signal, the following positions are recommended:

Optional Antenna Positioning

For multi-storey environments:
▪ two (2) of the antennas should be pointing straight up and the other two (any two) should be adjusted depending where you need the coverage and where you want the signal to radiate.

For single-storey environments:
▪ all four (4) antennas should be pointing straight up

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Remote Assistance – Should you need more help

Linksys Smart Wi-Fi Agent Assist is a feature embedded inside the Linksys Smart Wi-Fi firmware, which will allow the customer to give permission to a Linksys Support Agent to take control and make changes to the router to help you with any issues you may encounter. Including Forwarding ports, setting up a network storage, or changing wireless settings.

▪ Customer must have a Linksys Smart Wi-Fi account.
▪ Customer must have an active Internet connection (WAN)

LINKSYS® Smart Wi-Fi

IMPORTANT NOTICE: In activating Agent Assist, the Linksys Support Agent ("Agent") will have access to Customer's Smart Wi-Fi account settings but not to computer settings or any information stored on the computer, and the Customer's Wi-Fi network name and password will be visible to the Agent. We therefore strongly encourage Customer to change his/her Wi-Fi password immediately after the Agent Assist session.

You need more help?

For more information on the product, warranty, technical support, troubleshooting, FAQs, etc., please visit **www.linksys-sh.com** OR scan the following QR code for easy access to the site:

Alternatively, you may call Linksys at:
6701-6971