NOKIA

Nokia WiFi Beacon 1.1

Create a perfect broadband experience in every corner of your home

Unstoppable Wi-Fi
Perfect connectivity in every room

Premium mesh technology and award-winning design

Only the best for your home and family

Why Nokia WiFi mesh technology?

- Say goodbye to dead zones and video buffering
- Uninterrupted Wi-Fi speed and coverage
- Embedded intelligence provides the fastest speeds for your devices
- Fast and easy set-up using the mobile app
- Regular updates introduce new features, ensuring that your system will always be up to date
- Wi-Fi EasyMesh™ R2 certified

Features

Say goodbye to dead zones and video buffering

Seamlessly roam from your front door to your backyard. Nokia WiFi ensures you can stream without disconnections or dead zones. Three Beacon 1.1 units can deliver up to 420 sq.m (4500 sq.ft) of coverage*.

Uninterrupted Wi-Fi speed and coverage

Automatically optimizes your mesh network to ensure the best experience.

Ultra-fast Wi-Fi

The fastest bandwidth available to all your devices with AC1200 technology**

Hybrid backhaul

Dynamically uses either 2.4 GHz, 5 GHz, or Ethernet to optimize network performance

Seamless roaming

Walk from one room to another, without losing your connection to streaming music or video

Embedded intelligence – Simply Smart

Nokia WiFi Beacon 1.1 units auto configure themselves to provide the fastest speeds for your devices.

Intelligent channel selection

Selects the best channel for your network connections in real time

Load balancing

Actively allocates the best bandwidth for all of your connected devices, , avoiding that a single device gets all the bandwidth

Disturbance mitigation

Monitors and optimizes your home against Wi-Fi and non-Wi-Fi interference sources

Eliminate the impact of disturbance

The Beacon 1.1 detects disturbance and eliminates the impact of microwave ovens, game controllers, Bluetooth devices, or your neighbor's Wi-Fi, giving you the best performance

Wi-Fi EasyMesh™ R2 certified

Technical specifications

WLAN interfaces
- Supports 802.11b/g/n 2.4 GHz WLAN interface with 2x2 multiple input, multiple output (MIMO)
- Supports 802.11n/ac 5 GHz WLAN interface with 2x2 multiple input, multiple output (MIMO)

Ethernet interfaces
- One 10/100/1000Base-T interface with RJ-45 connector for WAN side
- Two 10/100/1000Base-T interfaces with RJ-45 connectors for LAN side

Operating environment
- Temperature: -5°C to 45°C (23°F to 113°F)
- Relative humidity: 5% to 95%, non-condensing/ condensingcondensing

Power requirements
- Local powering with 12 V DC input (external AC/DC adapter)
- Power consumption: <11.5 W

Buttons
- Power on/off
- Device reset
- Wi-Fi Protected Setup (WPS)

Physical (one Beacon 1.1)
- Height: 168 mm (6.6 in)
- Width: 115 mm (4.5 in)
- Depth: 42 mm (1.6 in)
- Weight: 0.41 kg (0.90 lb)

Regulatory compliances
- UL 62368-1
- IEC 62368-1
- FCC
- CE
- RCM
- Wi-Fi Alliance certified

* Each Beacon 1.1 unit provides a range up to 140 sq. m. (1500 sq. ft.). Range can vary with the placement and number of Beacon 1.1 units in the system. Range specifications are based on results under normal use case conditions. Actual ranges will vary depending on wireless obstructions, operating environments and building material. Wireless coverage claims are used only as reference and are not guaranteed.

**Maximum wireless signal rate are derived from IEEE 802.11ac specifications which may be affected by network and service provider factors, interface type, and other conditions. Connected devices must be 802.11ac-compatible for best results. Operation is subject to the following two conditions (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation. www.nokia.com/networks.

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