



## Overview

Orbi™ Outdoor WiFi Mesh Extender or Add-on Satellite extends your WiFi outdoors. Works with your existing WiFi router or Orbi WiFi System. Weather-resistant design is built to withstand rain, sun, snow, dust or sprinklers. Work in the garage or garden and keep your devices connected with a strong WiFi signal.

Enjoy better WiFi. Everywhere.

## Features



### Extend Your Existing WiFi Outdoors.

Tri-band Mesh WiFi brings powerful, seamless WiFi outside to patios, pool areas, detached garages & more.



### DIY Installation.

No professional installation required. Includes stand & securable wall mount for flexible placement options.



### Weather-resistant. IP66 Rating.

Designed to withstand the rain, sun & snow.



### Ambient Night Light.

The LED lights provide an ambient glow below the extender. Easily create an on/off schedule.

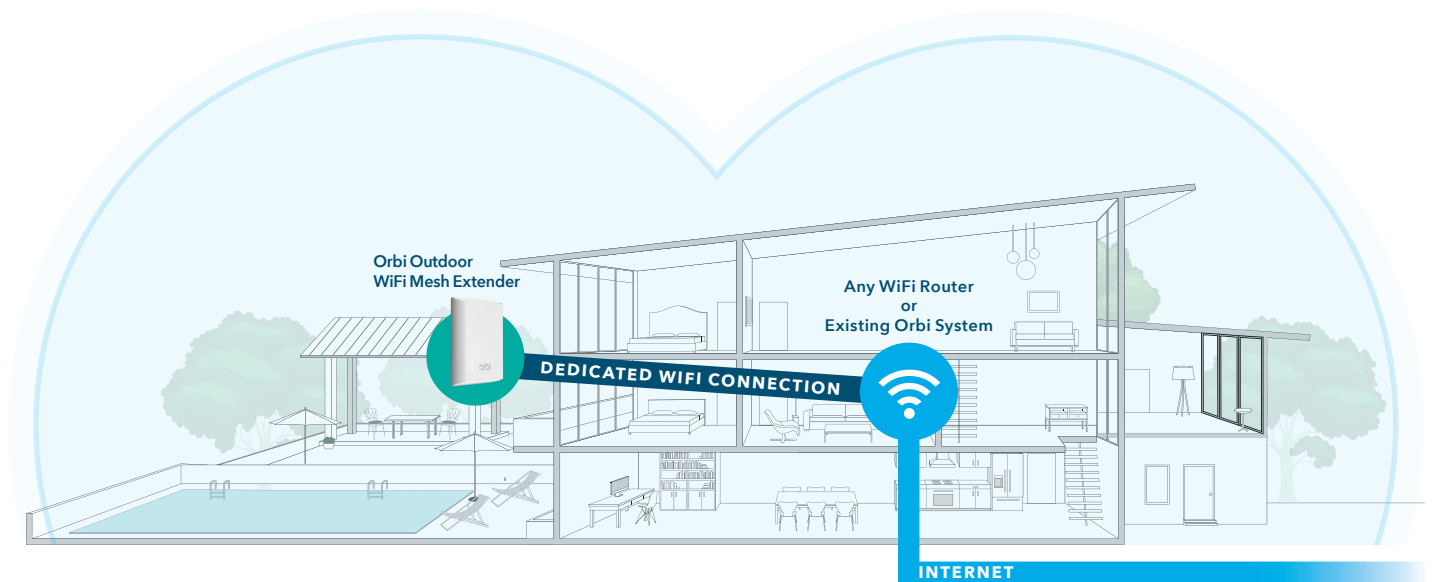


### One WiFi Network.

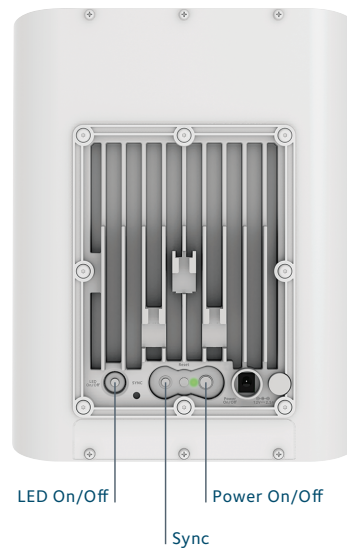
Enjoy the convenience of a single WiFi name for your whole home or office, indoors & outside.

## House Diagram

### Add to Your Existing WiFi Coverage



## Orbi Outdoor Satellite (RBS50Y)





## What's In the Box?

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- One (1) Orbi Outdoor Mesh Extender (RBS50Yv2)
- One (1) 12V/2.5A power adapter
- One (1) wall mount, bracket and screws
- One (1) tabletop stand
- Quick start guide

## What Do I Need for Orbi Mesh Extender to Work?

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- Any WiFi router or Orbi Router/Orbi WiFi System
- High-speed Internet connection

## Physical Specifications

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- Dimensions: 8.3 x 2.7 x 10.6 in
- Weight: 3.06lb

**Works with any WiFi router & even better with an Orbi System.**

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**24/7**

**TECHNICAL SUPPORT**

90-day complimentary technical support\*  
[www.NETGEAR.com/support](http://www.NETGEAR.com/support)

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## Technical Specifications

- Orbi AC3000 Outdoor Mesh Extender (1733+866+400Mbps)<sup>†</sup>
- AC3000 Simultaneous Tri-band WiFi
  - Radio 1: 400Mbps @ 2.4GHz: Supports 256QAM
  - Radio 2: 866Mbps @ 5GHz: Supports 256QAM
  - Radio 3: 1733Mbps @ 5GHz: Supports 256QAM
- Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz) + 4x4 (5GHz) dedicated backhaul
- IEEE® 802.11a/b/g/n/ac
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor: Powerful quad-core processor
- Memory: 256MB NAND flash and 512MB RAM
- Temp range: -20°C to +50°C
- IP66 Rating
  - Protected from total dust ingress
  - Protected from high-pressure water jets from any direction
- Security
  - Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
  - Guest WiFi Network is easy to setup separate & secure Internet access for guests when in Orbi Satellite mode. Not supported in Universal Extender mode.
  - Guest Portal available when used with Orbi Pro (SRR60) when in Orbi Satellite mode. Not supported in Universal Extender mode.

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller. [www.netgear.com/warranty](http://www.netgear.com/warranty)

\*90-day complimentary technical support following purchase from a NETGEAR authorized reseller.

<sup>†</sup> Orbi or Orbi Pro Router required (sold separately)

<sup>†</sup> Maximum wireless signal range derived from IEEE standard 802.11 specifications. Actual data throughput and data over distance will vary. Network conditions and environmental factors, including volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput rate and wireless coverage.

For regulatory compliance information, visit <http://www.NETGEAR.com/about/regulatory>

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