



High Performance AC3000 Outdoor WiFi Mesh Extender and Add-on Satellite

Data Sheet

RBS50Y



Overview

Orbi™ is the simplest and smartest way to enjoy high-speed WiFi in every corner of your property. Easily increase your outdoor WiFi coverage with this weather-resistant, add-on Orbi Outdoor Satellite. Innovative Tri-band WiFi helps maximize the Internet speeds available in your property.

Enjoy better WiFi. Everywhere.

Features



Extend Your Existing WiFi Coverage.

Tri-band Mesh WiFi delivers powerful, seamless WiFi to any room. Less buffering and dead zones.



One WiFi Network.

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



Add Coverage Outdoors.

Stronger and faster WiFi outdoors. Extend your WiFi to the pool or the shed.



DIY Installation.

Simple browser setup as an extender with your existing router. No professional installation skills required.



Weather-resistant. Wall Mountable.

Easily place on the wall and designed to withstand the rain and sun.

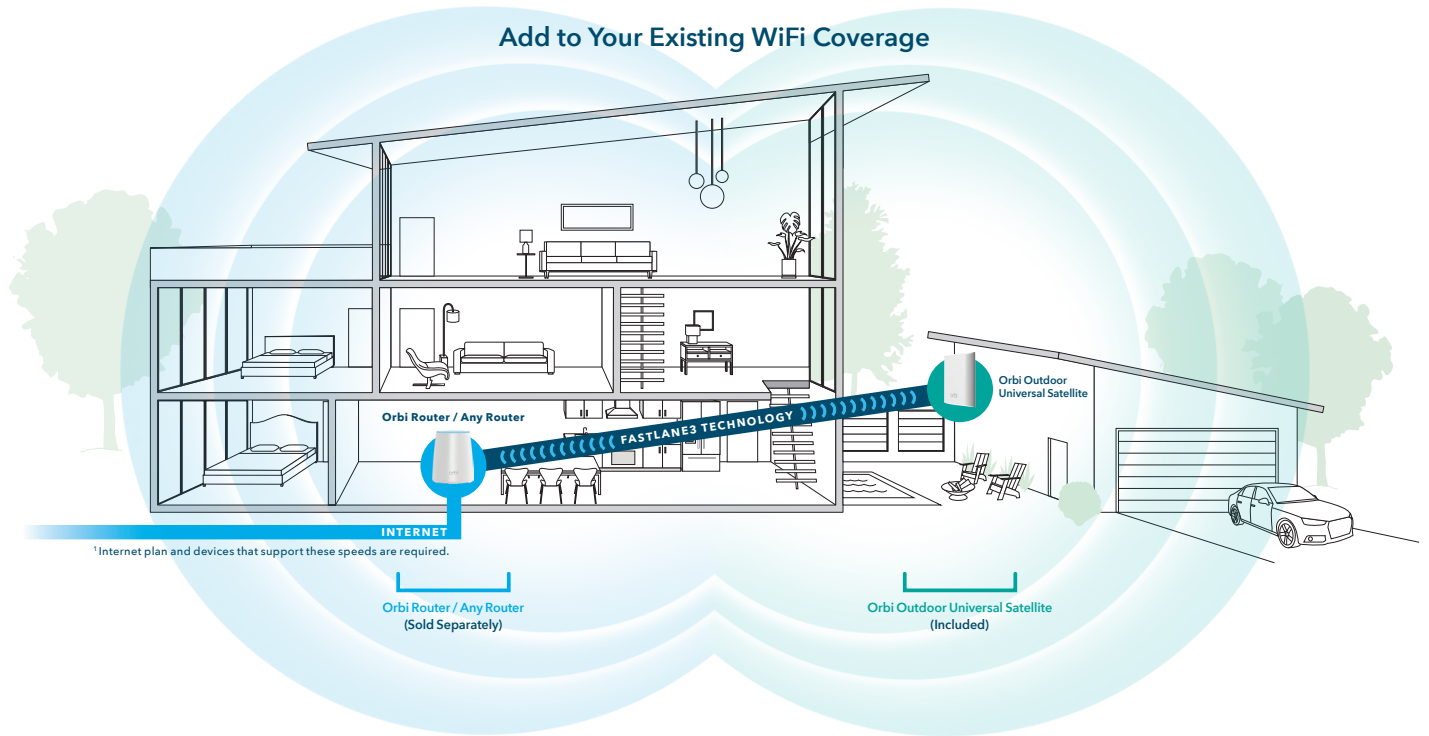
¹Orbi Router required (sold separately)

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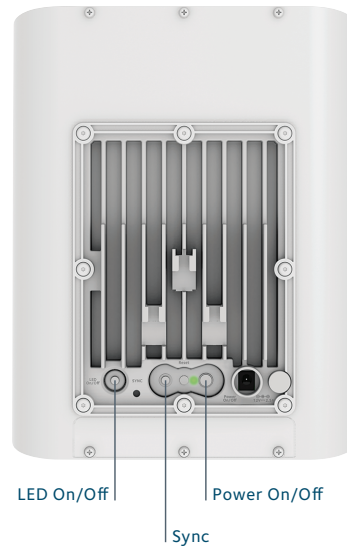
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House Diagram



Orbi Outdoor Satellite (RBS50Y)



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What's In the Box?

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

What Do I Need for Orbi Satellite to Work?

- **Existing Orbi Router or any other router**
- High-speed Internet connection

Physical Specifications

- Dimensions: 8.3 x 2.7 x 10.6 in
- Weight: 2.94lb

Pairs with any router.

24/7

TECHNICAL SUPPORT

90-day complimentary technical support*
www.NETGEAR.com/support

*Orbi Router required (sold separately)



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Technical Specifications

- Orbi AC3000 Outdoor Universal Satellite (1733+866+400Mbps)[†]
- AC3000 Simultaneous Tri-band WiFi²
 - 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
- IP56 Compliant weather-resistant enclosure
 - Temp range: -20°C to +50°C
- 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.
- Each Orbi Router¹ supports up to 3 Orbi Satellites

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller.

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

¹ Orbi Router required (sold separately)

² Internet plan and devices that support these speeds are required.

[†] 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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