



Advanced Speed and Range with Comprehensive Internet Security

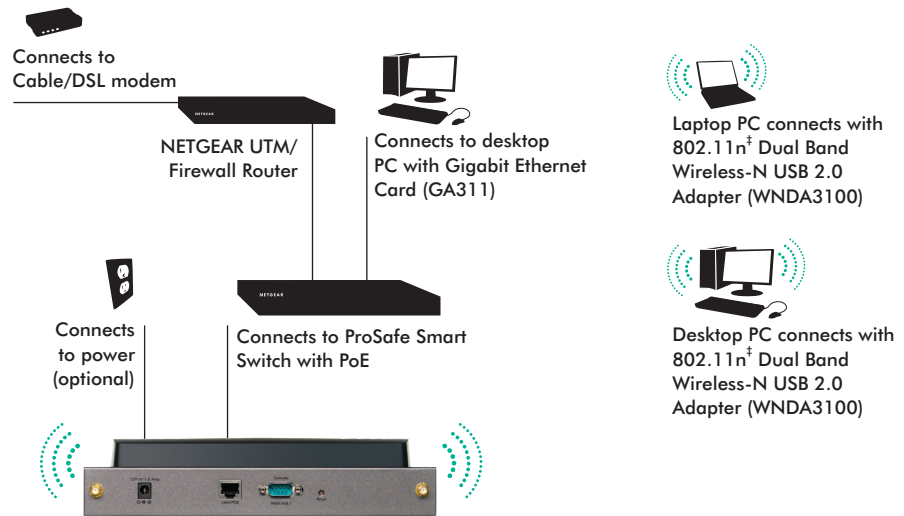
- Up to 15x the speed and 10x the coverage of 802.11g networks
- Concurrent operation in 2.4 GHz and 5 GHz radio band for maximum wireless throughput
- Backward compatibility with 802.11a, 802.11g and 802.11b network devices
- Security features include WPA, WPA2, rogue AP detection and 802.1x with RADIUS support
- Support for 802.3af PoE for optimal placement of access point

Features

- Up to 15x the speed and 10x the coverage of 802.11a, 802.11g networks
- Operation in 5 GHz radio band to avoid interference from 802.11b or 802.11g network devices
- Concurrent operation in 2.4 GHz and 5 GHz radio band
- Backward compatibility with 802.11a, 802.11g and 802.11b network devices
- Integrated 802.3af PoE eliminates extra cables and enables optimal placement of the access point
- Comprehensive SNMP functionality for advanced network management
- Deploy wireless coverage over large areas with point-to-point and point-to-multipoint bridging via Wireless Distribution System (WDS)
- Security features include WPA, WPA2, rogue AP detection and 802.1x with RADIUS support
- Plenum-rated for safe and convenient placement above drop-down ceilings
- Metal case includes Kensington lock slot for anti-theft
- Internal antennas factory-optimized for maximum RF performance
- Antenna take-offs enable optional accessory antenna attachment for 2.4 GHz operations
- Lifetime hardware warranty

The NETGEAR Difference

- WNDAP350**
- ✓ Concurrent dual band operation on PoE power
 - ✓ Internal antennas optimized for maximum performance
 - ✓ Intuitive GUI for easy configuration
 - ✓ Attachment points for optional accessory antennas
 - ✓ Lifetime Warranty



Technical Specifications

• Standards

- IEEE 802.11n, 2.4 GHz and 5.0 GHz
- IEEE 802.11a 5.0 GHz
- IEEE 802.11g, IEEE 802.11b, 2.4 GHz
- IEEE 802.3ab Gigabit Ethernet
- WMM - Wi-Fi Multimedia prioritization
- Wireless Distribution System
- IEEE 802.3af Power over Ethernet (PoE)

• Physical Specifications

- Dimensions: 32 x 190 x 124 mm (1.25 x 7.5 x 4.9 in)
- Weight: (.56 kg) 1.2 lb
- Plenum rated
- Flash: 16 MB
- RAM: 128 MB
- Slots for wall or ceiling mounting

• Safety and Electromagnetic Conformance

- FCC Part 15 Subpart B and Subpart C
- CE EN 60950, EN 300328-2 v1.1.1, (2000-07), EMC EN 301489-1 v1.2.1, (2000-08), and EN 301489-17 v1.1.1, (2000-09), EN 55022(B), CISPR 22(B), AS/NZS 3548(B)

• Environmental Specifications

- Operating temperature: 0° to 55° C (32° to 131° F)
- Operating humidity: 90% maximum relative humidity, non-condensing

• Physical Interfaces

- One (1) 10/100/1000BASE-T Gigabit Ethernet (RJ-45) port with Auto Uplink™ (Auto MDI-X) with IEEE 802.3af Power over Ethernet (PoE) support
- Power adapter: 12V DC, 1A; plug is localized to country of sale
- Five (5) LEDs: Power, 10/100/1000 Mbps, Link/ACT, 2.4 GHz band, 5.0 GHz band
- One (1) console port with standard RS-232C interface with DB-9 male connector

- Two (2) reverse SMA antenna connectors for accessory antennas

Note: Not recommended for use with ProSafe Antennas ANT2405, ANT2409 or ANT24D18

• Power over Ethernet Required

- Up to 12.8W
 - Typical Maximum Transmit Power: 20 dB
- Note: Maximum Tx varies based on country and/or region selection to ensure local regulatory compliance

• Security

- Wi-Fi Protected Access (WPA, WPA2)
- Wired Equivalent Privacy (WEP) 64-bit, 128-bit encryption and 256-bit encryption
- IEEE 802.1x RADIUS authentication with EAP TLS, TTLS, PEAP
- Wireless access control to identify authorized wireless network devices
- MAC address authentication ; up to 256 entries
- VPN pass-through support
- Secure SSH telnet
- Secure Sockets Layer (SSL) remote management login
- Multiple SSID: 8 per band (16 total)
- Block SSID Broadcast
- VLAN Support: 17 VLAN
- Rogue AP detection
- Client isolation for Hotspot applications
- Kensington locking slot for physical security

• Network Management

- Remote configuration and management through Web browser, SNMP or telnet with Command Line Interface (CLI)
- SNMP management supports SNMP MIB I, MIB II, 802.11 MIB and proprietary configuration MIB, SNMP v1, V2c

• Advanced Wireless Features

- Point-to-point wireless bridge mode
- Point-to-multipoint wireless bridge mode
- Repeater mode
- Simultaneous wireless bridge and access point mode

- Wireless Distribution System (WDS)
- Adjustable transmit power control (TPC) from 100 mW down to 0 mW
- WMM support for traffic prioritization
- WMM-PS support for saving client battery life
- DHCP Server for clients

Warranty

- Access point: ProSafe Lifetime Warranty
- Power supply: 3-year warranty

• System Requirements

- 2.4 GHz/5 GHz 802.11n draft specification adapter or 2.4 GHz 802.11b/g wireless adapter or 5 GHz 802.11a wireless adapter
- Microsoft® Windows® Vista™, XP, 2000, 98, Me, Mac® OS, UNIX®, Linux®
- Internet Explorer® 6.0, Mozilla Firefox 1.5
- We recommend using this product with the RangeMax™ Dual Band Wireless USB 2.0 Adapter (WNSA3100)

Package Contents

- ProSafe Dual Band Wireless-N Access Point (WNDAP350)
- Ethernet cable
- Wall-mount kit
- Installation guide
- Resource CD
- 12V, 1A power adapter, localized to country of sale

Ordering Information

- North America: WNDAP350-100NAS
- Europe: WNDAP350-100PES
- UK: WNDAP350-100UKS
- Asia: WNDAP350-100AUS

ProSupport Service Packs Available

• OnCall 24x7, Category 1

- PMB0331-100 (US)
- PMB0331 (non-US)

• XPressHW, Category 1

- PRR0331

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This product is packaged with a limited warranty, the acceptance of which is a condition of sale. This product has been tested for quality assurance and this product or its components may have been recycled.

*Basic technical support provided for 90 days from date of purchase.

†Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate and wireless coverage. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.