NETGEAR®
PROSAFE

ProSafe® 802.11n‡ Dual Band Wireless Access Point
WNDAP330

Data Sheet

DUAL BAND
N
802.11n
2.4 GHz
5 GHz

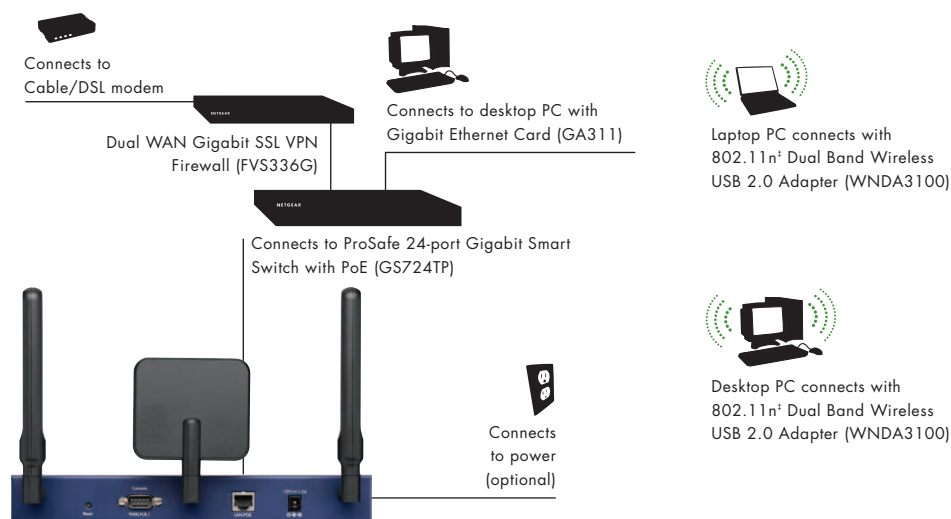## Advanced Speed and Coverage with Comprehensive Internet Security

- Up to 10x the coverage and 15x the speed of 802.11g networks†
- Operates in 5 GHz radio band to avoid interference from 802.11b or 802.11g network devices
- Can be configured to operate in 2.4 GHz radio band for backward compatibility of 802.11b, 802.11g or 802.11a network devices
- Security features include WPA, WPA2, rogue AP detection and 802.1x with RADIUS support

Key Features

- Integrated 802.3af PoE eliminates extra cables
- Comprehensive SNMP functionality for advanced network management
- Deploy over large areas with point-to-point and point-to-multipoint bridging with Wireless Distribution System (WDS)
- Metal case includes Kensington lock slot for anti-theft

Discover the coverage and speed advantages of 802.11n wireless networks with the NETGEAR ProSafe 802.11n Dual Band Access Point WNDAP330. Designed to deliver the superior wireless network that your clients want with the features and reliability that your business needs, the WNDAP330 makes it easy to move into the 802.11n world. Operating in either 2.4 GHz or 5.0 GHz radio bands, the WNDAP330 provides the flexibility to manage a graceful transition from legacy networks. Companies that want a superior wireless network while maintaining support for existing 802.11g and 802.11b networks can select the 2.4 GHz radio band. N clients on this network will experience superior throughput and range, while legacy clients will continue to function. Businesses that want the full benefits of N wireless can select the 5.0 GHz radio band to create an overlay network that does not interfere with the on-hand 802.11g and 802.11b devices such as older laptops, print servers, hand-held inventory scanners, IP cameras and the like. Selected clients that are upgraded to this N network will achieve the full capabilities that a pure N network offers. Designed to operate within the power limitations of existing Power over Ethernet (PoE) infrastructure and contained in a metal housing, the WNDAP330 offers great flexibility of placement for optimal wireless performance. Packed with business-class features for stronger security and easier manageability, the WNDAP330 is the right fit for your business. It is time to move to a better wireless network experience.

Connects to Cable/DSL modem

Connects to desktop PC with Gigabit Ethernet Card (GA311)

Laptop PC connects with 802.11n‡ Dual Band Wireless USB 2.0 Adapter (WNDA3100)

Dual WAN Gigabit SSL VPN Firewall (FVS336G)

Connects to ProSafe 24-port Gigabit Smart Switch with PoE (GS724TP)

Connects to power (optional)

Desktop PC connects with 802.11n‡ Dual Band Wireless USB 2.0 Adapter (WNDA3100)

24/7
TECHNICAL
SUPPORT*

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Email: info@NETGEAR.com

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Supports
Windows Vista™

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PROSAFE
LIFETIME
WARRANTY

Technical Specifications

• System Requirements
– 2.4 GHz 802.11n specification adapter or 2.4 GHz 802.11 b/g 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 (WNDA3100)

• Standards
– IEEE 802.11n 2.0 specification, 2.4 GHz and 5.0 GHz
– IEEE 802.11a 5.0 GHz
– IEEE 802.11g, IEEE 802.11b, 2.4 GHz
– 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

• 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, 1.2A; plug is localized to country of sale
– Six (6) LEDs: Power, test, 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
– Three (3) reverse SMA antenna connectors

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

• Power over Ethernet Required
– Up to 12.8W

• Security
– Wi-Fi Protected Access (WPA, WPA2)
– Wired Equivalent Privacy (WEP) 64-bit, 128-bit encryption for IEEE 802.11b and IEEE 802.11g
– IEEE 802.1x RADIUS authentication with EAP TLS, TTLS, PEAP
– Wireless access control to identify authorized wireless network devices
– MAC address authentication
– VPN pass-through support
– Secure SSH telnet
– Secure Sockets Layer (SSL) remote management login
– Ability to configure 16 BSSIDs and VLANs to provide more granular access to the network based upon user type

• 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

• 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

Warranty
– Access point: NETGEAR Lifetime Warranty
– Power supply: 3-year warranty

Package Contents
– ProSafe 802.11n‡ Dual Band Wireless Access Point (WNDAP330)
– Ethernet cable
– Wall-mount kit
– Installation guide
– Resource CD
– 12V, 1.2A power adapter, localized to country of sale
– Warranty/support information card

Related Products

• Wireless
– Notebooks:
  - RangeMax™ Wireless Notebook Adapter (WN511B)
  - RangeMax™ Wireless USB 2.0 Adapter (WN111)
  - RangeMax™ Dual Band Wireless USB 2.0 Adapter (WNDA3100)
– Desktops:
  - RangeMax™ Wireless PCI Adapter (WN311B)
  - RangeMax™ Wireless USB 2.0 Adapter (WN111)
  - RangeMax™ Dual Band Wireless USB 2.0 Adapter (WNDA3100)
– Storage:
  - ReadyNAS™ NV+ 4-Bay Gigabit Desktop Network Storage (RND4000)

Ordering Information
– North America: WNDAP330-100NAS
– Europe: WNDAP330-100ISS
– UK: WNDAP330-100UKS
– Asia: WNDAP330-100AUS
– Japan: WNDAP330-100JPS

ProSupport Service Packs Available

• OnCall 24x7, Category 1
– PMB0331-100 (US)
– PMB0331 (non-US)

• XPressHW, Category 1
– PRR0331