NETGEAR®
PROSAFE

ProSafe® Wireless-N Access Point
WNAP320

N300

2.4 GHz

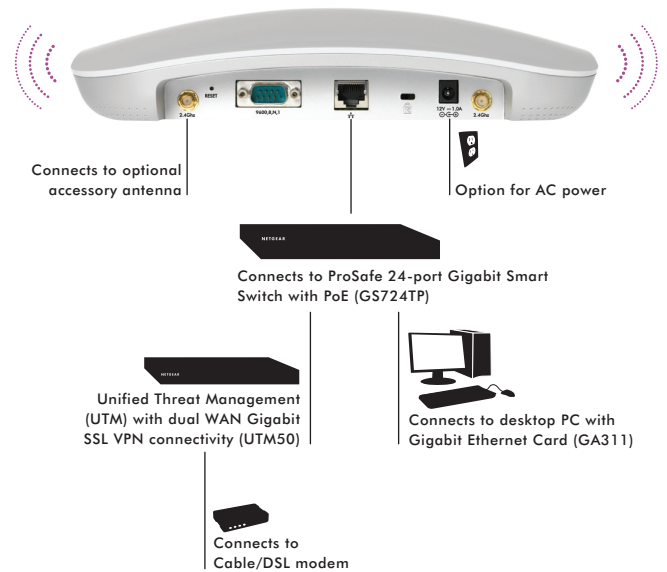## Advanced Speed and Range with Comprehensive Internet Security

- Wireless-N speeds up to 10x the coverage and 15x the speed of 802.11g networks
- Improved coverage and 10x greater speed than Wireless-G
- Simultaneously supports 802.11n and 802.11g devices
- Advanced Enterprise security features: WPA2, rogue AP detection and 802.1x with RADIUS support
- Integrated Power over Ethernet (IEEE 802.3af PoE) lowers deployment costs
- Supports IEEE 802.3af PoE for easy placement in optimal locations—desktop, wall-mount or ceiling
- Deploy over large areas as a bridge or a repeater both in point-to-point and point-to-multipoint with Wireless Distribution System (WDS)
- Comprehensive SNMP functionality for advanced network management
- Mounting kit provides for wall or ceiling placements
- Internal antenna factory-optimized for maximum RF performance
- Antenna take-offs enable optional accessory antenna attachment

Connects to optional accessory antenna

Option for AC power

Desktop PC connects with Dual Band Wireless-N USB Adapter (WNDA3100)

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

Laptop PC connects with Dual Band Wireless-N USB Adapter (WNDA3100)

Unified Threat Management (UTM) with dual WAN Gigabit SSL VPN connectivity (UTM50)

Connects to desktop PC with Gigabit Ethernet Card (GA311)

Connects to Cable/DSL modem

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LIFETIME
WARRANTY

Features	ProSafe® Dual Band Wireless-N Access Point (WNDAP350)	ProSafe Wireless-N Access Point (WNAP320)	ProSafe® Wireless-N Access Point (WNAP210)	ProSafe 802.11g Wireless Access Point (WG103)
Frequency	2.4GHz and 5.0GHz	2.4GHz	2.4GHz	2.4GHz
Maximum theoretical throughput	◉	◉	◉	◉
Power over Ethernet (PoE) IEEE 802.3af	◉	◉	◉	◉
PoE power consumption	12.7 Watts	5.8 Watts	6 Watts	5 Watts
Wireless Distribution System (WDS)				
Repeater	◉	◉	◉	◉
Bridge point-to-point/multi-point	◉	◉	◉	◉
Simultaneous bridge & wireless client association	◉	◉	◉	◉
Separate bridge and access point	◉	◉	◉	◉
Client Mode	◉	◉	◉	◉
SNMP	v1, v2c	v1, v2c	v1, v2c	v1, v2c
Antenna	Two (2) Internal 5 dBi Two (2) reverse SMA connectors	Two (2) Internal 5 dBi Two (2) reverse SMA connectors	Two (2) Internal 5 dBi	One (1) 1 dBi detachable
User support	Up to 64 users per radio	Up to 64 users	Up to 32 users	Up to 32 users
Security				
Wi-Fi Protected Access (WPA/WPA2), 802.11i	◉	◉	◉	◉
Multiple VPN pass-through support	◉	◉	◉	◉
MAC address filtering with access control lists–up to 256 users	◉	◉	◉	◉
802.1x RADIUS support with EAP TLS, TTLS, PEAP	◉	◉	◉	◉
Rogue AP detection	◉	◉	◉	
Block SSID Broadcast	◉	◉	◉	
Secure SSH Telnet	◉	◉	◉	
Secure Socket Layer (SSL)	◉	◉	◉	◉
Remote management login	◉	◉	◉	◉
Peer-to-peer blocking so users may not access another user's PC	◉	◉	◉	◉
MBSSID/VLAN Support	16/17	8/9	8/9	8/9
WPA Support (WPA2 – Enterprise, 802.11i)	◉	◉	◉	◉
User Interface	◉	◉	◉	◉
Browser-based Interface	◉	◉	◉	◉
Accepts accessory antennas	◉	◉		◉

Technical Specifications

• Standards

– IEEE 802.11n standard, 2.4GHz

– IEEE 802.11g, IEEE 802.11b, 2.4GHz

– WMM-Wireless MultiMedia prioritization

– WDS- Wireless Distribution System

– Power over Ethernet (PoE) IEEE 802.3af Network Ports

• Physical Specifications

– Physical Dimensions (W x D x H): 253.75 x 253.76 x 54.76 mm (10.0 x 10.0 x 2.16 in)

– Weight: 886 g (1.95 lbs)

• 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: 12 VDC, 1A; plug is localized to country of sale

– Four (4) LEDs: Power/Test, LINK speed, LAN, WLAN

• Security

– Wi-Fi Protected Access (WPA, WPA2)

– Wired Equivalent Privacy (WEP) 64-bit, 128-bit, and 152-bit encryption

– IEEE802.1x 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

• 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

– Wireless Distribution System (WDS)

   – Bridge mode: Point-to-point wireless WDS mode

   – Bridge mode: Point-to-multipoint wireless WDS mode

   – Repeater mode

   – NETGEAR Wireless Client mode: AP works as a client

   – Adjustable Transmit Power Control (TPC) from 100 mW down to 0 mW

System Requirements

– 2.4GHz 802.11n specification adapter

– Microsoft® Windows® Vista™, XP, 2000, 98, Me, Mac® OS, UNIX®, or Linux®

– Internet Explorer® 6.0 or Mozilla Firefox 1.5

Package Contents

– ProSafe® Wireless-N Access Point (WNAP320)

– Ethernet cable

– Wall-mount kit

– Installation guide

– Resource CD

– 12V, 1A power supply

– Warranty/support information card

Warranty

– Access Point: ProSafe Lifetime Warranty

– Power Supply: 3-year Warranty (see information enclosed)