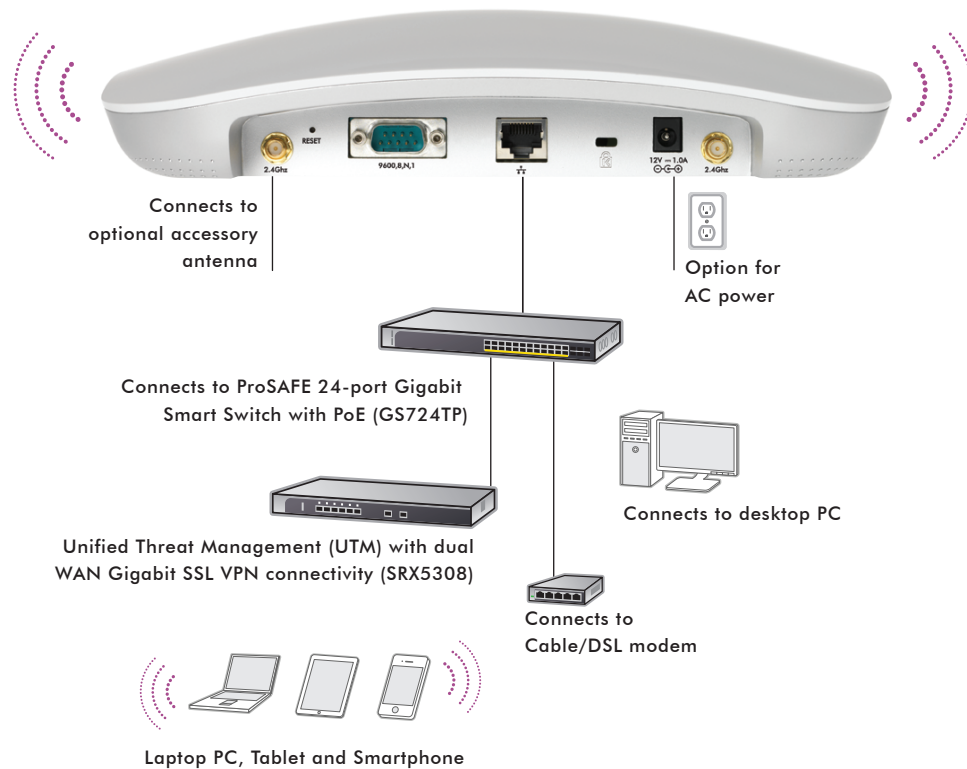# NETGEAR®

ProSAFE® Wireless-N Access Point

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

Target Applications

Connects to optional accessory antenna

Option for AC power

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

Connects to desktop PC

Unified Threat Management (UTM) with dual WAN Gigabit SSL VPN connectivity (SRX5308)

Connects to Cable/DSL modem

Laptop PC, Tablet and Smartphone

NETGEAR
Green

LIFETIME
WARRANTY
Hardware Warranty

LIFETIME
WARRANTY
Next Business Day

LIFETIME
Tech Support

Features	ProSAFE Wireless-N Access Point (WNAP320)	ProSAFE Dual Band Wireless-N Access Point (WNDAP350)	ProSAFE Wireless-N Access Point (WNAP210)
Frequency	2.4GHz	2.4GHz and 5.0GHz	2.4GHz
Maximum theoretical throughput	300Mbps	600Mbps	300Mbps
Power over Ethernet (PoE) IEEE 802.3af	Yes	Yes	Yes
PoE power consumption	5.8 Watts	12.7 Watts	6 Watts
Wireless Distribution System (WDS)			
Repeater	Yes	Yes	Yes
Bridge point-to-point/multi-point	Yes	Yes	Yes
Simultaneous bridge & wireless client association	Yes	Yes	Yes
Separate bridge and access point	Yes	Yes	Yes
Client Mode	Yes	Yes	Yes
SNMP	v1, v2c	v1, v2c	v1, v2c
Antenna	Internal 5dBi Two (2) external reverse SMA connectors	Internal 5dBi Two (2) external reverse SMA connectors	Internal 3dBi
User Support (standalone/controller management)	Up to 64 users	Up to 128 users	Up to 32 users
Security	Yes	Yes	Yes
WiFi Protected Access (WPA/WPA2), 802.11i	Yes	Yes	Yes
Multiple VPN pass-through support	Yes	Yes	Yes
MAC address filtering with access control lists—up to 256 users	Yes	Yes	Yes
802.1x RADIUS support with EAP TLS, TTLS, PEAP	Yes	Yes	Yes
Rogue AP detection	Yes	Yes	Yes
Block SSID Broadcast	Yes	Yes	Yes
Secure SSH Telnet	Yes	Yes	Yes
Secure Socket Layer (SSL)	Yes	Yes	Yes
Remote management login	Yes	Yes	Yes
Peer-to-peer blocking so users may not access another user's PC	Yes	Yes	Yes
MBSSID/VLAN Support	8/9	16/17	8/9
WPA Support (WPA2 – Enterprise, 802.11i)	Yes	Yes	Yes
User Interface	Yes	Yes	Yes
Browser-based Interface	Yes	Yes	Yes
Accepts accessory antennas	Yes	Yes	
Controller management	WC7520, WC7600, WC9500	WC7520, WC7600, WC9500	WC7520, WC7600, WC9500

Technical Specifications

Wireless Characteristics

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) EEE 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
- WiFi 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

Controller Management
- WC7520, WC7600, WC9500

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 (WNDAP320)
- Ethernet cable
- Wall-mount kit
- Installation guide
- Resource CD
- 12V, 1A power supply
- Warranty/support information card

NETGEAR Warranty*
- This product is backed by a NETGEAR limited ProSAFE® Lifetime Hardware Warranty.
- ProSUPPORT™ Lifetime Chat Technical Support (Remote diagnostics performed by our technical experts for prompt resolution of technical issues).
- ProSUPPORT 90 days (24/7) Live Phone Technical Support during business hours
- Lifetime Next Business Day (NBD) Hardware replacement (See http://onsite. netgear.com for coverage, availability and terms and conditions).
- Power Supply: 3-year Warranty