Breakthrough Wi-Fi for K-12 Schools and Businesses

Capture the power & efficiency of cloud-managed Wi-Fi with access points powered by CloudCommand™

2x2 802.11n Dual Concurrent 2.4 GHz and 5 GHz radios

Credit for one year CloudCommand service included

Four SSID per radio

Concurrent, remote management of multiple customer sites

Simplified deployment via self-configuration

Enhanced security with WPA2-PSK + IDA

Secure Hotspot and guest network

Multi-location roaming

Real-time performance reporting and alerting

Compliance logging

Business-Grade, Cloud-Managed Wi-Fi

Amer's cloud-managed Wi-Fi powered by CloudCommand is a SaaS solution that delivers breakthrough Wi-Fi solutions for K-12, businesses and much more. Amer Wi-Fi delivers a networking experience that's second to none in the industry by combining enterprise features with remarkable usability and unprecedented affordability. It's the go-to solution for your networking needs and provides everything required to deploy, configure, secure and remotely manage busy Wi-Fi networks – at a fraction of the cost of a traditional enterprise solution.
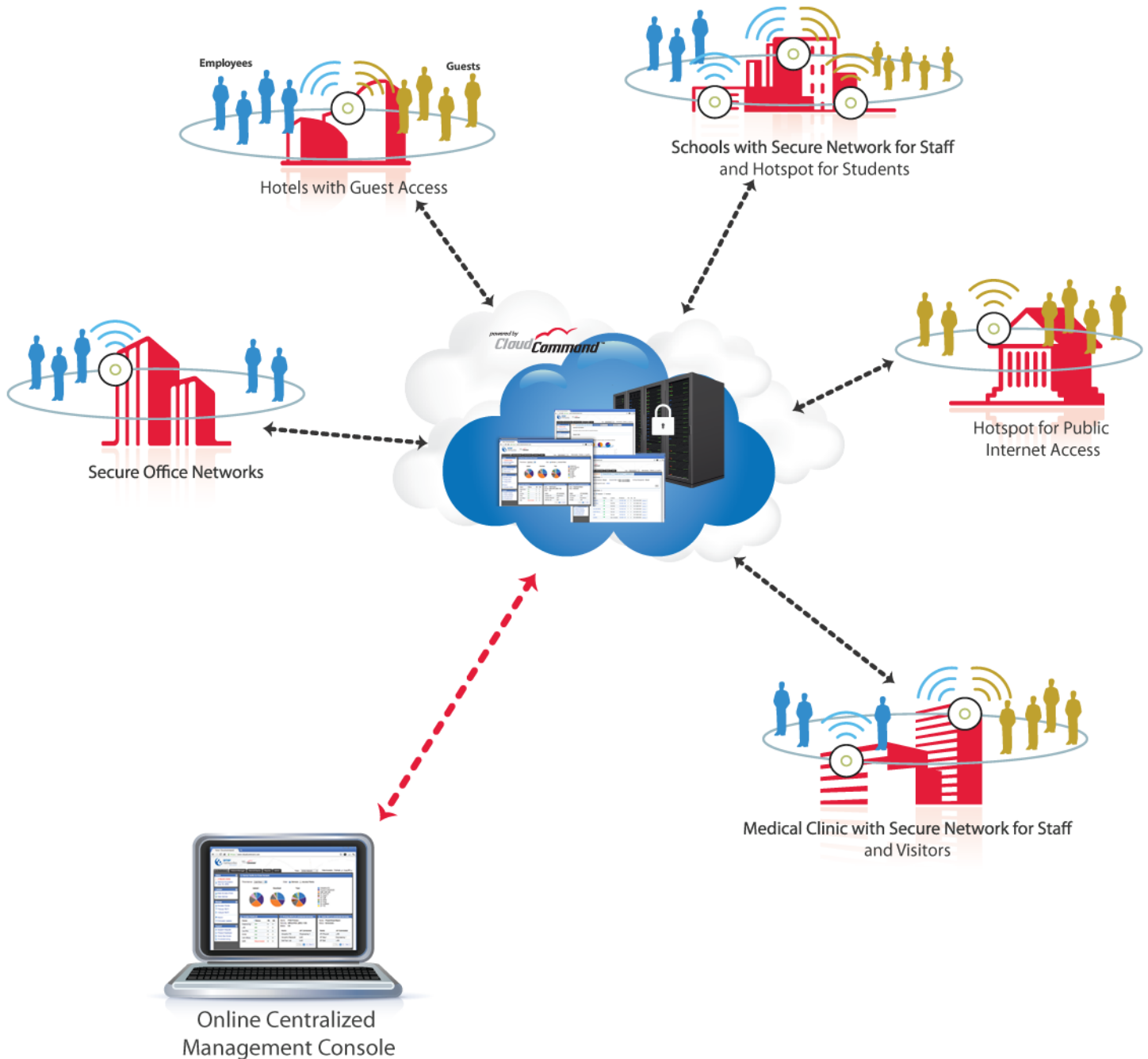
Take Control of Your Network

Enterprise-type capabilities such as plug-and-connect deployments, real-time remote management, enhanced security and hotspot customization empower administrators to manage networks easily and efficiently through the cloud, saving time and money. Additionally, Amer Wi-Fi creates opportunities for managed services providers (MSPs) to build new and profitable recurring revenue streams by offering real-time Wi-Fi management services.
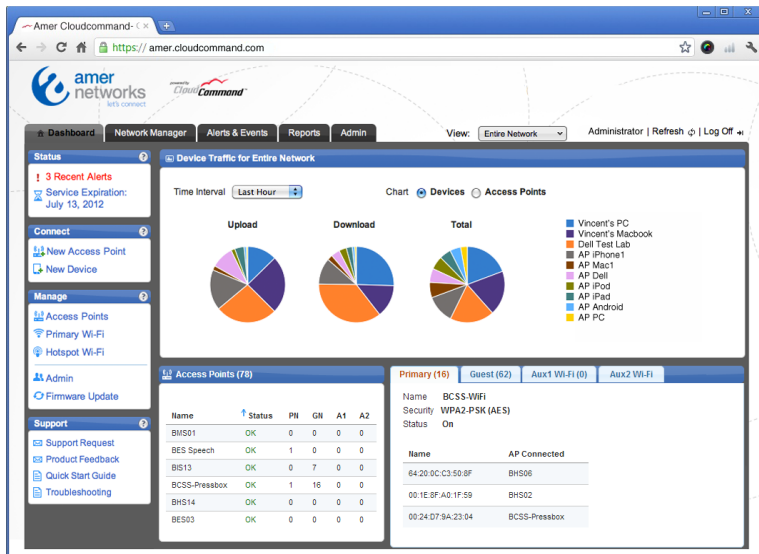
High Performance Hardware Platform

The WAP334NC is based on a high performance, extended range hardware platform featuring dual 802.11n radios with 2x2 MIMO, high gain internal antennas for data rates of 300 Mbps on each radio via Gigabit Ethernet link. The WAP334NC is 802.3af PoE compliant for easy installation.   Each unit includes credit for one year of CloudCommand service for one access point at the default tier of service.

powered by
Cloud Command™

Business-Grade Wi-Fi Networking

Unified remote management, enhanced security, plug-and-connect deployment

Hotels with Guest Access

Schools with Secure Network for Staff and Hotspot for Students

Secure Office Networks

Hotspot for Public Internet Access

Medical Clinic with Secure Network for Staff and Visitors

Online Centralized Management Console

Amer Networks empowers VARs and MSPs to efficiently manage multiple customer sites simultaneously using the CloudCommand virtualized controller. Amer Networks is the ideal, affordable solution for organizations in the health care, retail, professional services and education markets.

Plug-and-connect simplicity

Self-configuring APs deploy in minutes instead of hours or days. Administrators can even register devices in their offices and mail them to customers to plug in.

Intuitive, powerful interface

CloudCommand's browser-based dashboard delivers real-time network statistics and management tools. Access it anywhere through the Internet.

Enhanced security

Patented Individual Device Authentication (IDA) delivers enhanced, two-factor security that enables you to add/remove individual users and monitor network usage on a per-device level.
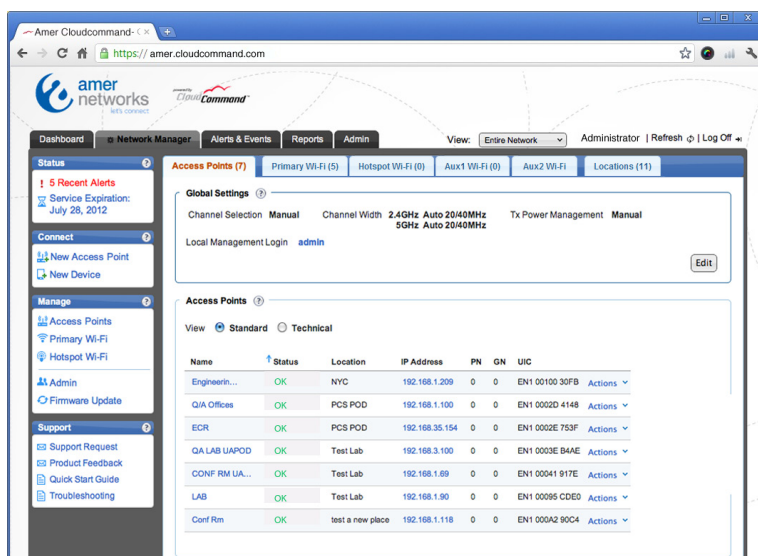
Advanced Hotspot

CloudCommand makes it easy to add advanced hotspot functionality to your network. The hotspot network provides Internet access while keeping users from accessing the local network resources through firewall and network isolation. A customizable captive portal gives access via a full range of options including shared password, individual pass codes, and SMS tokens. Internet access can be limited according to duration of access or total data transferred.

Single point of management for multiple customer sites

One user interface delivers anytime, anywhere access to all your wireless customers across multiple geographies. Administrators can remotely view multiple customer networks simultaneously and perform real-time management tasks.

Simple, Powerful, Secure. Profitable

Cloud-managed networking delivers enterprise-like features without cost or complexity.

Real-time alerts

Customizable real-time SMS and email alerts notify administrators about network issues – enabling them to troubleshoot their customer's network, often before the customer even knows there is a problem.

Rich reporting and graphing features

Extensive graphs, tables and charts provide insights for effective optimization and detailed usage tracking to facilitate compliance with standards such as HIPPA

Automated firmware updates

Firmware updates can be remotely executed in real time or scheduled across the entire network, ensuring the APs are always up to date.

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Hardware Specification

Configuration	2x2 802.11n dual concurrent 2.4 GHz and 5 GHz radio
Standard	**Radio 1:** IEEE 802.11a/n 5 GHz **Radio 2:** IEEE 802.11b/g/n, 2.4 GHz
Physical Interface	1X RJ-45 for 10/100/1000 Gigabit Ethernet
	DC power receptor
	Reset
Power	IEEE 802.3af/at PoE
	12V/1.25A DC in

RF Specification

Radio 1	5 GHz frequency band, 2x2 spatial streams	
Frequency Band	5.150 - 5.250, 5.725 - 5.850 GHz	
Maximum PHY Layer Data Rate	300 Mbps	
Receive Sensitivity (Typical)	**802.11n (5GHz_HT20)** -87 dBm @ MCS0, MCS8 -70 dBm @ MCS7, MCS15 **802.11a** -90 dBm @ 6 Mbps -75 dBm @ 54 Mbps	**802.11n (5GHz_HT40)** -86 dBm @ MCS0, MCS8 -66 dBm @ MCS7, MCS15
Maximum Transmit Power (combined)	**802.11n (5GHz_HT20)** 17 dBM @ MCS0 -MCS5, MCS8 -MCS13 16 dBm @ MCS6, MCS14 14 dBm @ MCS7, MCS15	**802.11a** 17 dBm @ 6-54 Mbps
Radio 2	2.4 GHz frequency band, 2x2 spatial streams	
Frequency Band	2.400 to 2.484 GHz, available channels restricted by regulatory domain	
Maximum PHY Layer Data Rate	300 Mbps	
Receive Sensitivity (Typical)	**802.11g** -92 dBm @ 6 Mbps -76 dBm @ 54 Mbps	
Maximum Transmit Power (combined)	**802.11n (2.4GHz_HT20)** 17 dBm @ MCS0 - MCS15	**802.11g** 17 dBm @ 6 - 48 Mbps 14 dBm @ 54 Mbps
Antenna	3 dBi @ 2.4 GHz internal	4 dBi @ 5 GHz internal
Radio and EMI Approvals	FCC, IC	

Environmental and Mechanical

Operating Temperature	0° - 40° C (32° - 104° F)
Storage Temperature	-40° - 70° C (-40° - 158° F)
Dimensions	161.5 x 161.5 x 41.5 mm
Weight	300g
Environmental	WEEE, RoHS
MTBF	>500k hours
Accessories	Wall, ceiling, T-bar mounting kit included. **Power supply and CAT5e Ethernet cable sold separately.**

Ordering

WAP334NC	WAP334NC Dual Band AP with credits to provide CloudCommand service for a single access point for one year at default tier of service. Credits are transferrable with access point.
UAA-1-1	License key for credits to provide CloudCommand service for a single access point for one year at default tier of service.
DSA-15P-12-US	12V 1.25A DC power supply for WAP334NC Dual Band AP
PIG30	Gigabit 802.3af PoE injector for WAP334NC for indoor use only

Contact Information

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http://amer.cloudcommand.com

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