Product Specifications of the WAP361 Wireless-AC N Dual Radio Wall Plate Access Point with PoE

Objective

The WAP361 Wireless-AC/N Dual Radio Wall Plate Access Point with PoE uses concurrent dual-band radio for improved coverage and user capacity. Gigabit Ethernet LAN interfaces with Power over Ethernet (PoE) facilitate flexible installation and reduce cabling and wiring costs.

To provide highly secure guest access to visitors and other users, WAP361 supports a captive portal with multiple authentication options and the ability to configure rights, roles, and bandwidth. Configure a cluster of WAPs for seamless roaming within a campus and manage them with through a single IP address.

This article explains the product specifications of the WAP361 Wireless-AC/N Dual Radio Wall Plate Access Point with PoE.

Note: To know more about the WAP361 Wireless-AC/N Dual Radio Wall Plate Access Point with PoE, click here.

Product Specifications

Specifications	Description
Cabling type	Category 5e or better
Antennas	Internal antennas optimized for installation on a wall
Operating System	Linux

Physical Interfaces

Specifications	Description
Ports	5 - 10/100/1000 Ethernet, with support for 802.3at. PoE support is only for one port and not five ports.
Buttons	Reset button
LEDs	One multi-function LED
Mounting and Physical Security	
Multiple Mounting Options	Mounting bracket included for easy ceiling or wall mounting
Physical Specifications	
Physical dimensions (W x D x H)	6.5 x 4.33 x 1.8 in. (165 x 110 x 45.75 mm)
Weight	1.06 lb or 480 g

Network Capabilities

Specifications	Description
VLAN Support	1 management VLAN plus 16 VLANs for SSIDs (per radio)
Number of VLANs	Yes
802.1X supplicant	Yes
SSID-to-VLAN mapping	Yes
Auto-channel selection	Yes
Spanning tree	Yes
Load balancing	Yes
IPv6	Yes IPv6 host support IPv6 RADIUS, syslog, Network Time Protocol (NTP)
Layer 2	802.1Q-based VLANs, 32 active VLANs plus one management VLAN

Security

Specifications	Description
WPA, WPA2	Yes, including Enterprise authentication
Access control	Yes, management access control list (ACL) plus MAC ACL
Secure management	HTTPS
Rogue access point detection	Yes

Performance

Specifications	Description
Wireless throughput	Up to 1.2 Gbps data rate (real-world throughput will vary)
Recommended user support	Up to 128 connective users, 32 active users per radio
Multiple-Access Point Management	
Single Point Setup	Yes
Number of access points per cluster	8
Active clients per cluster	240
Management	
Management protocols	Web browser, Simple Network Management Protocol (SNMP) v3, Bonjour
Remote management	Yes
Event logging	Local, remote syslog, email alerts
Network diagnostics	Logging and packet capture
Web firmware upgrade	Firmware upgradable through web browser, imported and exported configuration file
Dynamic Host Configuration Protocol (DHCP)	DHCP Client
IPv6 host	Yes
HTTP redirect	Yes
Wireless	
Frequency	Dual Concurrent radios (2.4 GHz and 5 GHz)
Radio and modulation type	Dual radio, orthogonal frequency division multiplexing (OFDM) IEEE 802.11 a/n: OFDM(BPSK/QPSK/16QAM/64QAM/256AM) IEEE 802.11ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)
WLAN	802.11n/ac 2x2 MIMO with 2 spatial streams at 5 GHz 2x2 MIMO with 2 spatial streams at 2.4 GHz 20-, 40-, and 80-Mhz channels for 802.11ac 20- and 40-Mhz for 802.11n PHY data rate up to 1.2 Gbps 802.11 Dynamic Frequency Selection (DFS)
Data rates supported	802.11a/b/g: 54, 48, 36, 24, 18, 12, 9, 6, 11, 5.5, 2, and 1 Mbps 802.11n: 6.5 to 300 Mbps: 20-MHz bandwidth: MCS 0-15 for supported

	data rates 40-MHz bandwidth: MCS 0-15 for supported data rates 802.11ac: 6.5 to 867 Mbps: 20-MHz bandwidth: MCS 0-9 for supported data rates 40-MHz bandwidth: MCS 0-9 for supported data rates 80-MHz bandwidth: MCS 0-9 for supported data rates
Transmitter output power	2.4 GHz, 5 GHz
System memory	256 MB RAM 128 MB flash