ORiNOCO® AP-9100
Enterprise Class 802.11ac Access Point
Application

Gigabit wireless access solution for demanding, bandwidth intensive office applications including voice, video, data and mobility services

Environments

Enterprises and organizations
Airport, retail, hotel, health care
Campus networks
K-12 and higher education
Key Features

Gigabit Wireless Access
AP-9100 takes advantage of the latest 802.11ac standard to deliver speeds up to 1.3 Gbps. It features wider 80 MHz channel bandwidth and more efficient 256 QAM modulation for enhanced performance.

Dual Radio
With both 802.11n and 802.11ac radios embedded in the access point, AP-9100 provides a deluge of benefits. Dual radio feature allows simultaneous operation in 2.4 GHz and 5 GHz, and improves network optimization.

Ultra Secure
AP-9100 provides comprehensive multilayer protection. It leverages highly secure authentication key management mechanisms (CCMP), encryption standards (AES), built-in rogue scanner and protected remote access via SSL, SSH and SNMPv3.
ORiNOCO® AP-9100 Specifications

PERFORMANCE SPECS

FREQUENCY
- 2.402 - 2.482, 5.150 – 5.350, 5.470 - 5.850 GHz
  (Subject to Country Regulations)

MIMO
- 3x3:3

MODULATION
- OFDM BPSK-QAM256

DATA RATE
- 450 + 1300 Mbps

TX POWER
- 24.8 dBm (3 RF chain)

CONTROLLER READY HYBRID ARCHITECTURE
- AP-9100 supports autonomous mode as well as Proxim controller architecture, to be released Q4 2015

SECURITY

AUTHENTICATION
- Enterprise/802.1x, Personal / PSK (Pre Shared Key) or Open plus Internal MAC Address Control List

802.1X SUPPORT
- PEAP, LEAP, EAP-FAST, EAP-SIM, EAP-TTLS, EAP-AKA

ENCRYPTION
- 802.11i Wireless Security with AES-128, TKIP or WEP

MANAGEMENT

REMOTE
- Telnet and SSH, Web GUI and SSL, TFTP, SNMP v1, v2c and v3

OTHER
- Syslog, and SNTP

ENVIRONMENTAL SPECS

OPERATING TEMPERATURE
- 0° to 40°C (32° to 104° Fahrenheit)

HUMIDITY - IP RATING
- 5 - 90% relative humidity

MTBF & WARRANTY
- Over 500k hours
- 1-year on parts and labor; ServPak Extended Support available

PACKAGE CONTENTS
- One ORiNOCO® AP-9100
- One power adapter
- One Wall / Ceiling mounting kit
- One Quick Installation Guide

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