Instant
Access Points

WLAN WIRELESS ACCESS POINTS

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OVERVIEW

The Alcatel-Lucent OmniAccess family of wireless instant access points (IAPs) is designed to support the various requirements of mobile enterprise networks from branch offices to small offices to remote offices. IAPs do not require any OmniAccess WLAN switches/controllers. One of the IAPs within a cluster of IAPs operates as a virtual controller and manages other IAPs in the cluster. Maximum number of IAPs supported in a cluster is 16.

The OmniAccess wireless IAPs are offered with dual and single radio configurations. This broad portfolio of IAPs addresses the needs of a wide array of environments including:

- Indoor dual radio deployments
- Indoor single radio deployments
- Challenging RF indoor deployments

- Ceiling deployments
- Workspace deployments
- Telecommuter deployments
- Remote AP (RAP) capabilities
- Integrated Trusted Platform (TPM) for secure storage of credentials and keys
- IEEE 802.11n compliancy

KEY BENEFITS

A high performance wireless mobility solution for enterprises

- **High-performance WLAN** - OmniAccess access points leverage ClientMatch™ technology to ensure that devices are connected to the best AP, which prevents the Wi-Fi network from slowing down as people move throughout your campus

- **Application awareness** - to ensure predictable Wi-Fi performance, Alcatel-Lucent next-generation mobility

firewall leverages deep packet inspection (DPI). It classifies traffic by application or application groups so that you can apply prioritization and policies based on your business needs

- **Secure WLAN** - to secure the air, OmniAccess access points support RFProtect™, which provides integrated wireless intrusion protection and spectrum analysis capabilities

- **Deployment flexibility** - with flexible deployment options, enterprise-class Alcatel-Lucent OmniAccess access points can be controlled locally or remotely by centralized OmniAccess Controllers or operate in controller-less Alcatel-Lucent Instant mode

- **Multi-environment solution** - Alcatel-Lucent 802.11ac and 802.11n access points (APs) deliver superb Wi-Fi performance to a wide range of indoor and outdoor environments

KEY FEATURES

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- High-speed wireless with up to 450 Mb/s of throughput. Improved coverage compared with IEEE 802.11a/b/g technologies. Backward compatibility with 802.11a/b/g Wi-Fi® clients

- Supports key enterprise-grade functions such as Adaptive Radio Management (ARM), air monitoring over 2.5 GHz and 5 GHz spectrum,

wireless intrusion prevention, QoS, and battery life extension for portable phone equipment

- Integrated antenna supported on OmniAccess Instant AP93, OmniAccess Instant AP105, OmniAccess Instant AP134 and OmniAccess Instant AP135

- RP-SMA antenna interfaces supported on OmniAccess Instant AP92 and OmniAccess AP134

- 10/100/1000Base-T (RJ-45) auto-sensing Ethernet interfaces with support for IEEE 802.3af PoE or 802.3at, PoE+ supports

TECHNICAL INFORMATION

Remarks

*Please check operating system version for compatibility.

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