Alcatel-Lucent OmniAccess RAP5

MULTI-PORT REMOTE ACCESS POINT

The Alcatel-Lucent OmniAccess RAP5 is a high-performance wired indoor Remote Access Point (RAP) for multi-user small branch offices or power users who work from a home office. This multi-function RAP provides a secure connection to central resources, policy based forwarding for users and devices, and delivery of an "on-campus" experience for remote site users.

Providing wired LAN connectivity on four 10/100 ports, it can be configured with a unique set of policies on each port. A built-in USB port can be used to connect a 3G modem for cellular backup of the WAN link.

The OmniAccess RAP5 works in conjunction with OmniAccess WLAN switches in the DMZ to deliver high-speed, secure network services to remote locations. The RAP can operate over any available WAN or LAN transport connection and can be deployed, monitored, and controlled without any local IT staff.

FEATURES	BENEFITS
Zero-touch provisioning	Automatically establishes a secure connection to the central WLAN switch to download its configuration and security policies. This minimizes IT time and effort necessary to provision and operate the Remote Access Point.
Flexible WAN uplink	Operates over any existing broadband connection (such as DSL or cable). The USB port can be used to connect a 3G modem and the 3G connection used as the WAN uplink, resulting in an "on-campus" Wifi experience wherever 3G coverage is available.
Secure user-centric network services and applications	Enables the same user centric services as an Enterprise Campus access point-secure connectivity to a heterogeneous user base including employees, contractors, auditors and guests
Support of Alcatel-Lucent Communication and Collaboration applications	Deployed at the core of the remote worker's network. It has been extensively tested with Alcatel-Lucent voice handsets, communication and collaboration applications to ensure a superior end user experience

Technical specifications

Application

- High-performance, wired ethernet, remote branch office & fixed teleworker applications, indoor use

Wired Operating Modes

- 10/100 Ethernet
- User authentication - 802.1X, captive portal, Mac authentication, or open access
- Policy based forwarding for local resource access

Advanced Features

- Integrated Trusted Platform Module (TPM) for secure storage of credentials and keys
- SecureJack capable for secure tunneling of wired Ethernet traffic
- Policy based forwarding for tunneled, locally bridged, and Internet bound traffic

Interfaces

- Network
  - ¬ 1 x 10/100/1000Base-T Ethernet (RJ45), auto-sensing link speed and MDI/MDX
  - ¬ 4 x 10/100Base-T Ethernet (RJ45), auto-sensing link speed and MDI/MDX
- Power: 1 x DC power connector
- USB: 1 x USB 2.0 (type A connector)

Power

- Adapter (included):
  - ¬ AC Input: 100-240V/0.5A
  - ¬ DC Output: 12V/1.25A
- Maximum Power Consumption: 12W

Mounting

- Standard
  - ¬ Desk top (horizontal)
  - ¬ Desk top (stand)
- Optional
  - ¬ Wall

Mechanical

- Dimensions / Weight:
  - ¬ 6.9" x 7.9" x 1.4" (175 mm x 200 mm x 35 mm)
  - ¬ 0.9 pound (400 g)
- Dimensions / Weight (shipping):
  - ¬ 10.2" x 13.0" x 2.6" (260 mm x 330 mm x 65 mm)
  - ¬ 2.1 pounds (930 g)

Environmental

- Operating:
  - ¬ Temp: 0° to 40° C (32° to 104° F)
  - ¬ Humidity: 5 to 95% (RH), non-condensing
- Storage:
  - ¬ Temp: -40° to +70° C (-40° to +158° F)
  - ¬ Humidity: 5 to 95% (RH), non-condensing

Regulatory

- FCCPart 15 Class B
- EN 55022 Class B
- EN 55024
- IEC/EN 60950
- CE Marking
- cULus Marked
- CB Scheme Certified

Ordering Information

PART NUMBER	DESCRIPTION
OAW-RAP5-US	OmniAccess RAP5 Multi-port Remote Access Point with 1 x 10/100/1000Base-T (RJ-45), 4 x 10/100Base-T (RJ-45), 1 x USB 2.0 port, 1 x North America 12V AC power
OAW-RAP5	OmniAccess RAP5 Multi-port Remote Access Point with 1 x 10/100/1000Base-T (RJ-45), 4 x 10/100Base-T (RJ-45), 1 x USB 2.0 port, 1 x Universal 12V AC power
OAW-RAP5-MNT	OmniAccess RAP5 Remote Access Point Wall Mount

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