

WAC-2000 Version: 1



Gigabit Wireless LAN Controller

The LevelOne WAC-2000 is a Gigabit WLAN Controller designed for small-to-medium sized networks such as SMBs, schools, boutique hotels and apartments. Centralized management of up to 50 APs offers complete wireless security and service solutions for any mid-range wireless network.

The WAC-2000 controller is also an Internet gateway with robust firewall to protect Internet access against intruders, 1 WAN and 4 LAN ports in Gigabit speeds allow for fast and reliable distribution of data throughout the network.

WAC-2000 integrates a wide variety of functions, the administrator can easily build up AP's configuration including tag-based VLAN settings, upgrade the AP's firmware and monitor AP on/off status, numbers of connected AP and users. Captive portal function provides a convenient way of authentication for guest users.

The LevelOne WAC-2000 also supports real-time control to access point RF scanning for signal strength and interference information. According to the results, WAC-2000 will adjust traffic loading, output power, RF coverage and channel distribution of the APs to optimize wireless coverage and throughput.

Key Features

- Centralized management of up to 50 APs
- Client isolation allows strict control of access to wireless devices on the network
- Supports gateway/router mode
- Load balancing across multiple APs
- Built-in robust firewall to protect Internet access against intruders
- Captive Portal function provides a convenient method of authentication for guest users

Compatible With



WAB-5010

N300 5GHz Outdoor PoE Wireless Access Point, Controller Managed



WAB-6010

N300 Outdoor PoE Wireless Access Point, Controller Managed

**WAB-8011**

AC1200 Dual Band Outdoor PoE Wireless Access Point, Controller Managed

**WAP-6017**

N300 Wireless Access Point, Desktop, Controller Managed

**WAP-6121**

N300 PoE Wireless Access Point, Ceiling Mount, Controller Managed

**WAP-6221**

N300 PoE Wireless Access Point, In-Wall Mount, Controller Managed

**WAP-8021**

AC1200 Dual Band Wireless Access Point, Desktop, Controller Managed

**WAP-8121**

AC750 Dual Band PoE Wireless Access Point, Ceiling Mount, Controller Managed

**WAP-8122**

AC1200 Dual Band PoE Wireless Access Point, Ceiling Mount, Controller Managed

Specifications

System Specifications

Standards & Protocols:

IEEE802.3(10BASE-T)

IEEE802.3u(100BASE-T)

IEEE802.3ab(1000BASE-T)

Memory:

Flash:16M

SDRAM:128M

Connectors and Cabling:

1*10/100/1000Mbps WAN port

4*10/100/1000Mbps LAN ports

Button/Knob:

Reset
power

Indicator:

Power
System
WAN
LAN

Power Input:

12V/1.5A

Power Consumption:

<5 W

Features

General:

Support AP Management, up to 50 Aps
Support AP Disable, Restart and Reset
Support AP Configuration Models Auto-loading
Support AP Layer 2 Roaming
Auto-IP detection and Distribution to avoid AP's IP conflict in the whole networking.
Support smart QoS and firewall functions under gateway operation mode to protect the whole networking safety.

AP Models available to manage: WAP-6121,WAP-6221,WAP-8121,WAP-8122

Security:

Support VLAN based on different policy
Support AP Client Isolation
Support real-time monitoring
Support AP status monitoring
Support AP RF and user monitoring

Management:

Diagnosis: Syslog

Performance

Data Transfer Rate:

LAN: 10/100/1000Mbps
WAN: 10/100/1000Mbps

Environment

Temperature (°C):

Operating: -20°C~50°C
Storage: -30°C~70°C

Humidity (Non-condensing):

5~90%, non-condensing

Physical Specifications

Dimensions (W x D x H mm):

232mm×142mm×45mm

Weight (g):

775



Approval and Compliance

EMI/EMS:

EN 55022: 2010+AC:2011

EN 61000-3-2:2014

EN 61000-3-3:2013

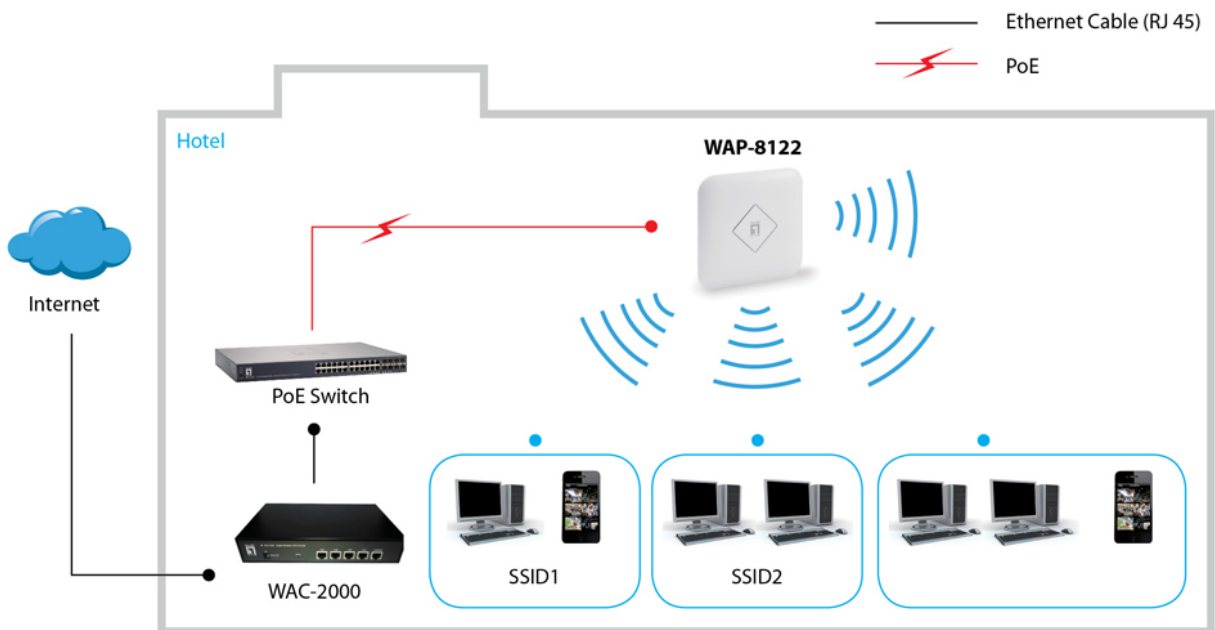
EN 55024: 2010+A1:2015

Others

Compatibility:

Able to manage LEVELONE WAP-6121,WAP-6221,WAP-8121,WAP-8122

Diagram



Order Information

WAC-2000

Package Contents

WAC-2000

RJ45 Network Cable

Power Adapter

Quick Installation Guide

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