

WAC-2000 Version: 1



## Gigabit Wireless LAN Controller

The LevelOne WAC2000 is a WLAN Controller designed for small-to-medium sized networks such as SMBs, schools, boutique hotels and apartments. The device offers a complete wireless security solution for any mid-range wireless network. Gigabit Ethernet LAN ports allow for fast and reliable distribution of data throughout the network.

WAC-2000 integrates a wide variety of functions. It supports centralized management for access points (AP), managing and providing secure wireless service for up to 50 APs through Layer 2 protocols. The LevelOne controller offers the convenience of integrating an existing wired network with a LevelOne wireless network, allowing gradual deployment or upgrading of an existing network without major investment.

WAC-2000 provides a complete AP network solution, allowing the user to see and control all data transmitted through each AP. with VLAN based on different SSIDs dividing the network into secure regions. The LevelOne WAC-2000 also supports real-time control of access point RF scanning to test signal strength and interference. According to the signal testing results, WAC-2000 will adjust the traffic loading, output power, RF coverage and channel distribution to optimize wireless coverage and throughput. WAC-2000 offers a user-friendly Web GUI for easy configuration. Through this interface, the user can set up the AP's configuration, upgrade the AP's firmware and get notifications on the AP On/Off, AP Client On/Off and AP overloading alerts.

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### Key Features

- Support Tag VLAN based on different SSID
- Client isolation allows strict control of access to wireless device on the network.
- Gigabit WAN/LAN port, Qos and firewall function support, work as gateway in the network.
- Centralized management of up to 50 APs, can make AP zero config or in Group.

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### Compatible With



#### **WAP-6121**

N300 PoE Wireless Access Point, Ceiling Mount, Controller Managed

**WAP-6221**

N300 PoE Wireless Access Point, In-Wall Mount, 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:**

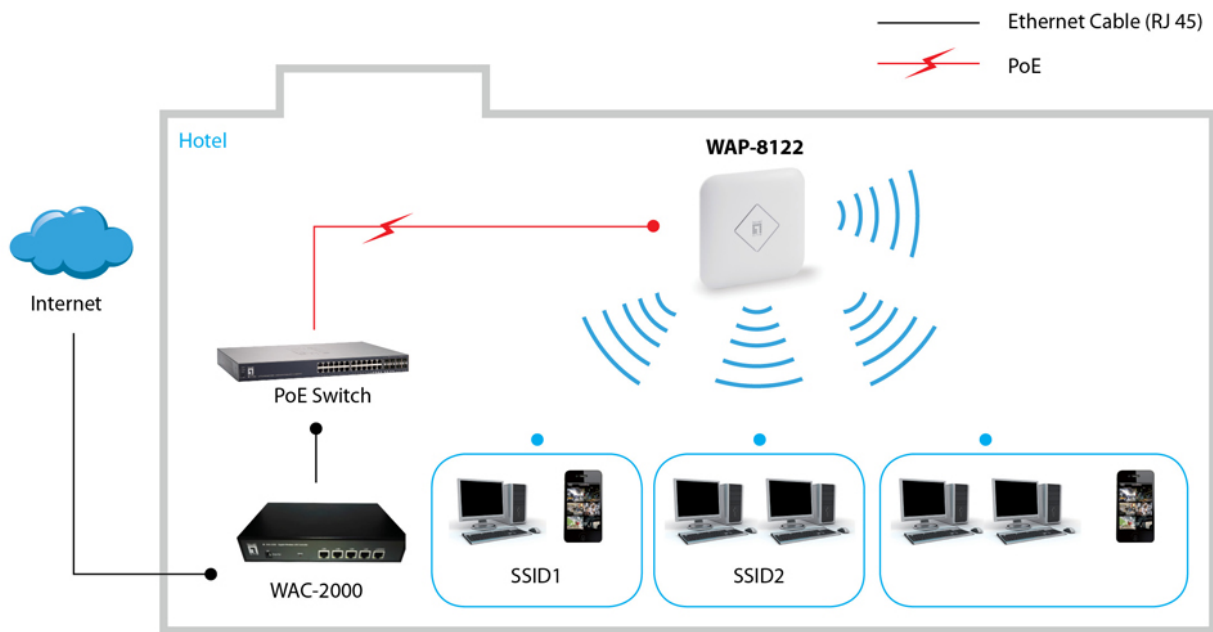
EN 55022: 2010+AC:2011  
EN 61000-3-2:2014  
EN 61000-3-3:2013  
EN 55024: 2010+A1:2015

**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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