



Gigabit Wireless LAN Controller, Quad WAN

The LevelOne WAC-2003 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 300 APs offers complete wireless security and service solutions for any mid-range wireless network.

The WAC-2003 controller can also be a multi-WAN Internet gateway with robust firewall to protect Internet access against intruders, 1 WAN, and 3 WAN/LAN and 1 LAN ports in Gigabit speeds allow for fast and reliable distribution of data throughout the network. Up to 4 WAN interfaces with load balancing function satisfy needs of always-on Internet connection with greater bandwidth.

WAC-2003 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-2003 also supports real-time control to access point RF scanning for signal strength and interference information. According to the results, WAC-2003 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 300 APs
- Up to 4 WAN interfaces with load balancing function
- 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, 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

Specifications

System Specifications

Standards & Protocols:

- IEEE 802.3 10-BASE-T, Ethernet
- IEEE 802.3u 100-BASE-TX, Fast Ethernet
- IEEE 802.3ab 1000BASE-T, Gigabit Ethernet

Memory:

- Flash:128M
- SDRAM:512M

Port:

- 1*10/100/1000Mbps WAN port
- 3*10/100/1000Mbps WAN/LAN ports
- 1*10/100/1000Mbps LAN port

Button/Knob:

Reset
power

Indicator:

Power
System
WAN
LAN

Power Input:

100-240V? 50/60Hz

Power Consumption:

<10W

Data Transfer Rate:

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

Features

General:

Support AP Management, up to 300 Aps
Support AP Disable, Restart and Reset
Support AP Configuration Models Auto-loading
Support AP Layer 2 Roaming
Auto-cross-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.

Security:

Support VLAN based on different policy(AP's vlan function is a request)
Support AP Client Isolation
Support real-time monitoring
Support AP status monitoring
Support AP RF and user monitoring

Management:

Diagnosis: Syslog

Environment

Temperature (°C):

Operating: -10°C~50°C
Storage: -40°C~70°C

Humidity (Non-condensing):

Working Humidity: 10% ~ 90%RH (No condensation)
Storage Humidity: 5% ~ 90%RH (No condensation)

Physical Specifications

Dimensions (W x D x H mm):

440mm X 240mm X 44mm

Weight (g):

2500

Approval and Compliance

EMI/EMS:

CE,FCC



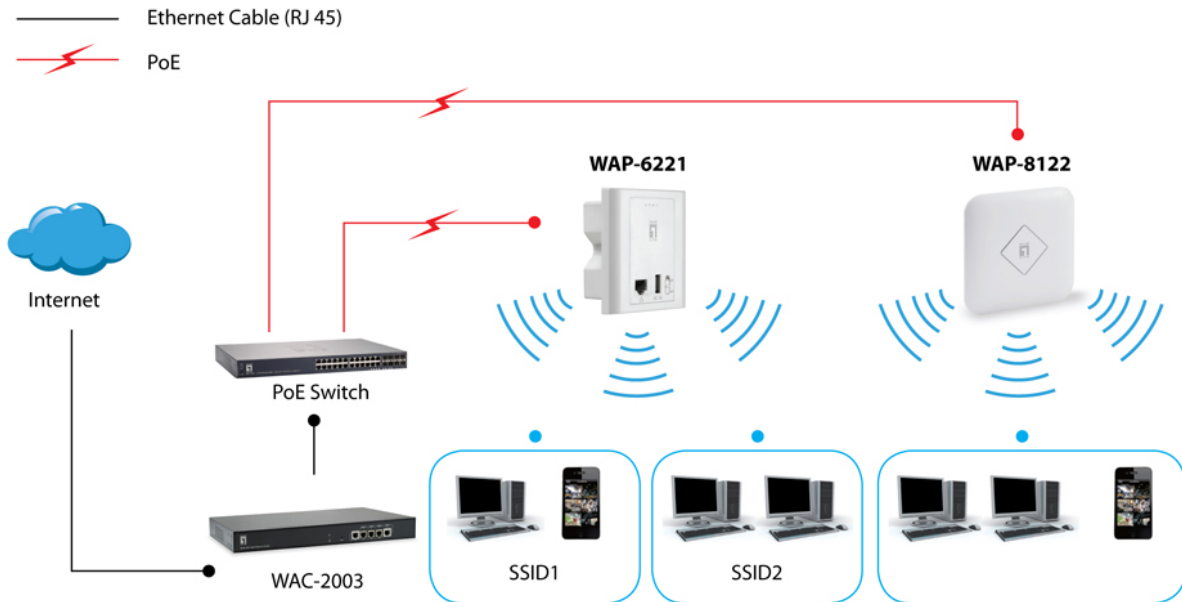
Others

Compatibility:

Able to manage LEVELONE

WAP-6121,WAP-6221,WAP-8121,WAP-8122,WAB-5010,WAB-6010,WAB-8011,WAP-8021,WAP-6017

Diagram



Order Information

WAC-2003

Package Contents

WAC-2003
RJ45 Network Cable
Quick Installation Guide
Rubber Feet
Power Cord
19" Rack Mount Kit

No liability or responsibility for any errors or omissions in the content.
Specifications are subject to change without notice.
All mentioned brand names are registered trademarks and property of their owners.
Copyright © Digital Data Communications GmbH, Germany. All Rights Reserved.