

Description

The **WL-AC1000 Wallys Access Point Controller** is a high-performance network solution designed for managing and optimizing the operation of multiple access points (APs) within large-scale wireless networks. It provides centralized control, advanced configuration, and monitoring of Wallys' access points, ensuring seamless connectivity, enhanced security, and network performance. Ideal for industrial, enterprise, and high-density environments, the WL-AC1000 offers scalability, reliability, and ease of use for both wired and wireless communication systems.

Introduction

The WL-AC1000 is designed to centralize the management of Wi-Fi networks, enabling IT administrators to control multiple Wallys access points with ease. With support for various network topologies, it provides superior performance, advanced security features, and robust management tools, making it a perfect fit for applications in smart cities, enterprise networks, industrial settings, and more.

Enclosure



Features

■ **Centralized Management:**

Simplifies the configuration and management of multiple access points from a single interface, reducing complexity and overhead.

■ **Batch Configuration:**

Easily configure multiple devices simultaneously for quick deployment across large networks.

■ **Firmware Upgrade Management:**

Simplifies device firmware upgrades by enabling batch upgrades, ensuring that all connected devices run the latest software.

■ **Wi-Fi Configuration:**

Customize Wi-Fi settings, including SSID, security protocols, and bandwidth management, to optimize network performance.

■ **Device Firmware Upgrades:**

Supports firmware upgrades for Wallys and compatible third-party devices with minimal downtime, ensuring devices stay updated with the latest features and security patches.

■ **Delete Offline Devices:**

Automatically or manually remove offline or inactive devices from the network to ensure efficient network management and security.

■ **Import Whitelist:**

Import and manage a whitelist of authorized devices, preventing unauthorized devices from connecting to the network.

■ **Execute Command:**

Execute custom commands across multiple devices simultaneously, facilitating bulk configuration tasks and troubleshooting.

■ **Multiple IP Address Setup:**

Supports the configuration of multiple IP addresses across different network segments, enabling more flexible and scalable network topologies.

Hardware Specifications


Symbol	Parameter
Processor	Quad-core ARM 64 bit A53 @ 1.8 GHz processor
Memory	1GB (2x 512MB)DDR3L16-bit interface with 32-bit memory bus design
Storage	Nor Flash 8MB Nand Flash 256MB DDR 1GB
Power Supply	24V power supply
Network Interface	1 x 1Gbps Ethernet Ports & POE 3 x 1Gbps Ethernet Ports 1 x 2.5Gbps Ethernet Port
Dimensions	483mmx202mmx450mm/192x122x41mm
Mounting Options	Desktop Stand
Temperature Range	-40 to +70 °C

Support Devices

The WL-AC1000 supports the following Wallys devices:

Wallys APs: DR5018,DR5018S,DR6018,DR6018S,DR6018C

Product Version

	P/N	Dimensions	Photo
1	WL-AC1000-1U	483mmx202mmx450mm	
2	WL-AC1000-E	192x122x41mm	