



DATASHEET
GIGABIT WIRELESS
LAN CONTROLLER

MODEL: WL-AC5250-047

DESCRIPTION

The WL-AC5250-047 Wireless LAN Controller is designed to provide quality Wi-Fi to a large and growing amount of mobile devices, make large WLAN deployments easily manageable, This controller works with Series Access Points to form a high-performance and versatile controller-based WLAN solution that provides centralized management of up to 250 APs.

Manage up to 250 APs with ease

The WL-AC5250-047 Wireless LAN Controller is designed to work with Mach Power Series Access Points to form a robust controller-based WLAN solution. This solution offers the convenience of centralized management of up to 250 APs, as well as auto AP discovery over LAN connections, even between different VLANs.

Without changing the existing network infrastructure, easy deployment

After being installed and powered on, the APs automatically look for the WL-AC5250-047 and establish secured connections. Connections can be established between the controller and APs without needing to change the existing LAN infrastructure, which enables users to expand WLAN deployments with ease.

Support Client Authentication, Image advertising Push

Supports WiFi Dog which can be using for local authentication, you can customize the content page, and the website after the authentication.

FEATURES

5 x 10/100/1000Mbps Ethernet Port

Support Wifi Dog for local authentication and website redirection

Centralized WLAN management and auto Access Point Discovery

Manages up to 250 APs with access setting control

Auto deploy the IP address of AP, and complete Wireless Configuration

Wireless Network Monitoring, managed AP status and wireless client

Support Multiple-SSID and SSID/VLAN banding

Without changing the existing network infrastructure, easy deployment

Access Point Information Edition

Central AP Control Management Software Support

SPECIFICATION

Hardware	
Interfaces	5 x RJ-45 for 10/100/1000 Mbps
MCU	MT76201 Dual Core 880MHz
SDRAM&FLASH	256MB DDR3 RAM + 16MB Flash
Power Supply	100-240V~ 50/60Hz
Software	
Number of access points	Up to 250 APs
Advanced Functions	Central configuration
	Multiple SSIDs, VLANs
	L2 Fast Roaming support
DHCP	DHCP Server, DHCP Client
Network	Port Mapping, DMZ Host, Statics Routing, DDNS,UPNP
Management	Firmware Upgrade and backup, factory Reset, Restart, WEB management
	log management, the PING tool
Others	
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Relative Humidity	10% ~ 90%, Non-condensing
Storage Humidity	5%~95%, Non-condensing
Certifications	CE,FCC, ROHS