



# WS5G2

## Wireless LAN Controller



The Z-COM WS5G2 is a wireless LAN controller (WLC) with centralized network management developed for Small and Medium Business (SMBs). It brings together Z-COM intelligent software and RF excellence to create a best wireless experience for your growing organization.

Designed for fast, easy-to-use and intelligent platform, WS5G2 is ready for enterprise to manage access points as a total solution to strengthen your business operations and investment protection.

Perfect for businesses who are eager to wireless service such as video streaming, secure access control, flexible deployments, and future IoT, ideal for communities, campus, factories, and hospital, etc.

The WS5G2 opens a completely new paradigm in network configuration, operation, and monitoring through network optimization.



### Simple and Reliable Network

Deploys centralized management system via easy-to-setup and seamless upgrades.



### Security

Designed for centralized authentication and authorization to eliminate the requirements to configure and update individual devices.



### Fast Roaming

Allow the devices to switch the connection quickly from one AP to another with 802.11k/v/r standards, improving Wi-Fi.



### Load Balance

Optimize the response time and the traffic through the AP to prevent from being overloading.



### QoS

Prioritizes certain data flows in a network over others for efficient operation.



### User-friendly GUI

Simplifies device management and monitoring with an intuitive dashboard interface design.

<b>Hardware</b>	Power	12V/5A DC Adapter
	Dimensions (L) x (W) x (H) mm	232 x 152 x 44
	Weight	2.7 Kg
	Interfaces	4 × RJ45
	Environmental Conditions	Operating Temperature: 0°C ~ +40°C Operating Humidity: 10% ~ 95% (non-condensing)
<b>Security</b>	Standards	802.11x, WPA, WPA2, WPA3
	Access Control	Access Time Schedule MAC ACL
	User Isolation	Supported
	Rogue AP Detection	Supported
	IGMP Snooping	Supported
	DHCP snooping	Supported
	DoS attack prevention	Supported
	Packets Limitation	Supported
<b>Network Architecture</b>	IP	IPv4, IPv6
	VLAN	Supported
	Redundancy	1+1 Backup Supported
	DHCP Server	Supported
	Fast Roaming	Supported
	RF Management	5G Priority Auto TX Power Control Auto Channel Selection
	Routing	Static Dynamic
	<b>Capacity</b>	Managed APs
UE Data Traffic		2Gbps
MAC Address Table		8K

<b>Applications</b>	Mesh Coverage	Supported
	WDS	Supported
<b>Multimedia and QoS</b>	802.11e/WMM	Supported
	Load Balance	Between APs Based on Numbers of UEs Between APs Based on Traffic
	Bandwidth Control	User Specific VLAN Users MAC Users Radius Users
<b>Certifications</b>	IEC/EN 60950 EN55032 & EN55024 WEEE & RoHS EN 61000-3-2 EN 61000-3-3	
<b>Supported Wireless Standards</b>	802.11a 802.11b 802.11g 802.11n 802.11ac 802.11r 802.11k 802.11v 802.11d 802.11e	