WS5/7/10G2

Private Network/SMB/Industry Wireless LAN Controller

The Z-COM WS5/7/10G2 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, WS5/7/10G2 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 WS5/7/10G2 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.

Model		WS5G2	WS7G2	WS10G2
AP Capacity		128	256	512
CPU		Intel Celeron	Intel Atom (4 Cores)	Intel Atom (8 Cores)
Memory		DDR3L 8GB	DDR4 16GB	DDR4 32GB
Storage		SSD 64G	SSD 64G	SSD 64G
Interfaces (Ports)	1GbE RJ45	4	6	6
	10GbE SFP+	-	2	4
Form Factor		1U	1U	1U
Dimensions (H*L*W mm)		44*232*152	44*231*197	44*231*197
Power Supply		12V/5A DC Adaptor	12V/5A DC Adaptor	12V/7A DC Adaptor
UE Data Traffic		2Gbps	5Gbps	10Gbps
MAC Address Table		8K	16K	30K
Environmental Conditions		Operating Temperature: 0°C ~ +40°C		
		Operating Humidity: 10% ~ 95% (non-condensing)		
Security		802.11x, WPA, WPA2, WPA3		
		Access Time Schedule		
		MAC ACL		
		Supported		
		Supported		
		Supported		
		Supported		
		Supported		
		Supported		
Network Architecture		IPv4, IPv6		
		Supported		
		1+1 Backup Supported		
		Supported		
		Supported		
		5G Priority		
		Auto TX Power Control		
		Auto Channel Selection		
		Static		
		Dynamic		

Applications	WDS	Supported
Multimedia and QoS	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
Certifications	IEC/EN 60950	
	EN55032 & EN55024	
	WEEE & RoHS	
	EN 61000-3-2	
	EN 61000-3-3	