WI-TEK
Communication Solution

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Wireless Access Point Hardware Controller

WI-AC50

Overview

WI-AC50 AP controller is designed to provide network solutions for luxury hotels, resorts, large enterprises, shopping mall chains, etc premise. Adopt of powerful CPU to deliver 600Mhz high capacity forwarding and 50 APs management capacity. Also, abundant AP management features include concentrate forwarding and distribute forwarding, AP group setting, WLAN radio spectrum analysis. auto channel and power assignment, user load balance, Built-in captive portal server enable it to deliver Wi-Fi marketing features including a customized welcome page and redirect page, connected device type, and user statistic. Otherwise, WI-AC50 can manage AP and AP controllers deployed in multi-branch or locations remotely. All these features help the administrator to install, manage and monitor APs at a single location.

Features

Centralized Management
Maximum AP managed number up to 50.

PoE Powered
2 x 100Mbps Ethernet Ports with 1*PoE In.

Cloud Management
The free cloud management platform simplifies a lot of equipment management time and reduces network supervision costs for network administrators.

Fast Roaming
The fast roaming function allows users to move between multiple APs without dropping the line, without having to log in again to connect to the signal and to surf the Internet stably.

Multiple Authentication Methods
Web authentication, local authentication, Radius authentication, and SMS authentication, meet various authentication requirements.

Band Steering
After the user enables the spectrum navigation function for the specified SSID on the AC, the system will preferentially associate the terminal under the SSID with the 5G frequency band.

RF Optimization
WLAN radio spectrum analysis ensures work on the best channel.

Specifications

Products	WI-AC50
Hardware Version	
Interface	2*10/100 Base-T Ethernet ports 1 x 2.0 USB Port (reserved In-advance) 1* micro USB (power) 1* 2.4GHz Wireless interface
AP Unified Configuration	50APs
Power Supply	802.3af/at PoE in Micro-USB 5V 1A
Power Consumption	<2W
Software Features	
Network Access	DHCP, static IP
Cloud Access	Yes
L3 Management	Yes
Main Function	Auto AP Discovery
	RF optimization
	Batch configuration
	Overview View
	Multi-SSID configuration
	SSID hiding, channel setting
	Tx power setting
	AP online upgrade
	STA blacklist and whitelist
	Captive Portal Configuration
OTHERS	
Environment	Operating Temperature: -40℃~55℃ Storage Temperature: -40℃~70℃ Operating Humidity: 5%~95% (non-condensing) Storage Humidity: 5%~95% (non-condensing)
Dimensions	58mm * 58mm * 25mm

CE FC RoHS

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