



## eWit WIRELESS CONTROLLER (EW-WC-150)



### Product About:

Auto-detect and centralized management, up to 150 CAPs

License-free management reduces the OPEX of enterprise network

Easy deployment without changing the existing network topology

Unified configuration of wireless networks, support mapping of SSID and VLAN

Support MAC authentication, portal authentication

Dual-link back up for management safety

Should support Band Steering feature that forces the dual-band capable clients to the 5 GHz band on dual-band access points. Should have Band balancing to balance the client load on radios by distributing clients between the 2.4 GHz and 5 GHz radios.

The Access Point should support IEEE 802.11r Fast BSS Transition and IEEE 802.11k Radio Resource Management neighbor reports. It should also provide client load balancing to enhance WLAN performance by distributing client connections across nearby access points.

The Access Point should allow the creation of network access policies based on Layer 2, Layer 3, Layer 4, client operating systems, and client whitelisting.

Should protect Wireless network from Denial of Service (DoS) attacks and Intrusion attempts.

### HARDWARE FEATURES

Installation	Rack-mount
Processor	1GHz Dual-core MIPS64 network dedicated processors
Memory	256MB DDR3*2, 32MB Flash*1
Interface	Gigabit Ethernet Port*5 Console Port*1
Power Supply	100~240V AC,50/60Hz
LED	Port: Link/Act, 1000M/100M Device: PWR, SYS
Dimensions (W x D x H)	17.3*8.7*1.7 in. (440 × 220 × 44 mm)



## Environment

Operating Temperature

0°C~40°C (32°F~104°F); Storage Temperature: -40°C~70°C (-40°F~158°F)

Operating Humidity

10%~90% non-condensing; Storage Humidity: 5%~90% non-condensing

## FEATURES

Management Scale

Up to 150 APs

Wireless Function

L3 Management  
Multi-SSID  
Load Balance  
Band Steering  
Rate Limit  
DHCP Server  
WMM  
Communication protocol

Wireless Security

SSID to VLAN Mapping  
AP Isolation  
SSID Isolation  
Encryption

AP Management

AP Automatic Discovery  
AP Unified Configuration  
AP Reboot Schedule  
AP Batch Firmware Upgrade  
Grouped AP management  
AP LED ON/OFF  
Web-based Management

Authentication

Captive Portal Authentication  
MAC Authentication

System status

AP Status  
Client Status  
Authenticated User Status

System Management

Configuration Backup/Import  
Ping/Tracert Tool  
System Log

Certification

CE, FCC, RoHS