



Smart WLAN  
for Smart Business

Centralized Smart WLAN optimized for  
small and mid-sized business places

## Smart WLAN Controller

The smart business environment which can share information  
and cooperate at any time at any place is not a dream any longer.

Optimized for businesses and business characteristics of  
small and mid-sized business places

**Smart WLAN Controller, WEC8050**

It implements the business environment which leads business  
efficiency as the best solution fit for customers' needs.



# WEC8050



## Optimization to small and mid-sized websites

- WLAN Controller optimized for small and mid-sized business places, branches, elementary schools, middle schools, or high schools, etc.
- Up to 75 APs and 1,500 terminals accommodable

## Possible to implement the effective network

- Accommodating 150 APs through clustering
- Embedded authentication server which accommodates up to 512 persons
- Stateful Firewall embedded

## The optimal WLAN solution by connecting wireless communication technology

- Transferring equal traffic even in the high-density environment with a lot of terminals through scheduling technology
- WLAN Controller-based seamless handover supported\*

### Feature

Scalability	Maximum # of APs	75
	# of Client	1,500
H/W, Interface	Network I/F	4 GE, 1 Console
	System Redundancy	System Redundancy
	Form Factor	1 RU
Network	Routing	Yes
	VLANs	128
	DHCP	Server, Relay
	QoS	Shaping, Policing, 802.1p/q, Voice Quality Monitoring
	System Redundancy	Active-Active, Active-Standby
Security	Firewall	Yes (License required)
	Authentication	802.1x
	MAC Filtering, ACL	Yes
	Encryption	DTLS
	AAA	Radius server
RF Manager	RRM	Yes
	RF Spectrum Analysis	Yes
Handover	L2 / L3	Inter / Intra controller

### Related Products



#### Access Point WEA303i / WEA303e

- MIMO antenna (3 x 3 Internal / External)
- 2.4GHz / 5GHz Dual band Support
- IEEE802.11a/b/g/n Support
- PoE (IEEE802.3af)
- The maximum data transfer rate 450Mbps



#### PoE Switch iES4224GP

- 10/100/1000 Base-T 24Port
- IEEE802.3af Support
- GVRP, 802.1q Support
- IGMP Snooping, IP Clustering
- Security Switch through the DDS Engine



#### WLAN Manager WEM

- In the case of failure, check possible occurrence location and duration
- Manage up to six WLAN Controller
- Wired and wireless integrated management system
- Detection of illegal AP
- Remote management through the smartphone