

Cisco 4400 Series Wireless LAN Controllers

Product Description

Cisco® 4400 Series Wireless LAN Controllers work in conjunction with Cisco lightweight access points and the Cisco Wireless Control System (WCS) to provide systemwide wireless LAN functions. As components of the Cisco Unified Wireless Network, Cisco 4400 Series Wireless LAN Controllers give network administrators the visibility and control necessary to effectively and securely manage business-class WLANs and mobility services, such as enhanced security, voice, guest access, and location services.

Cisco Wireless LAN Controllers help reduce overall operational expenses by simplifying network deployment, operations, and management. The flexibility allows network managers to design networks to meet their specific needs, whether implementing standalone or highly integrated network designs.

Features

- Modular support of 12, 25, 50, or 100 Cisco Aironet® lightweight access points
- IEEE 802.1D Spanning Tree Protocol for higher availability
- Enterprise-class security : IEEE 802.11i Compliant; WPA and WPA2-certified
- Industrial-grade resistance to electromagnetic interferences (EMIs)

Benefits

- Business-class RF security and WLAN security policy monitoring
- Clear visibility and centralized control of the RF environment for lower total cost of ownership
- High performance through reliable coverage and optimized bandwidth
- Mobility features for uninterrupted network access for roaming users
- Scalable solution that can meet the requirements of small businesses to large enterprises
- Investment protection
- Reduced overall operational expenses, achieved by simplifying network deployment, operations, and management

Product Information

Table 1. Product Information for the Cisco 4400 Series

	4402-12	4402-25	4402-50	4404
Target market	Medium-sized businesses	Medium and large-sized businesses	Large businesses	Large businesses
Lightweight access points supported	12	25	50	100
Gigabit Ethernet Links	2	2	4	4

Encryption Platform Capabilities	<ul style="list-style-type: none"> • WEP and TKIP-MIC • SSL and TLS • AES • IPSec 	<ul style="list-style-type: none"> • WEP and TKIP-MIC • SSL and TLS • AES • IPSec 	<ul style="list-style-type: none"> • WEP and TKIP-MIC • SSL and TLS: • AES • IPSec 	<ul style="list-style-type: none"> • WEP and TKIP-MIC • SSL and TLS • AES • IPSec
Security Encryption	<ul style="list-style-type: none"> • IEEE 802.11i • WPA2: WEP and TKIP-MIC • SSL and TLS • AES • IPSec 	<ul style="list-style-type: none"> • IEEE 802.11i • WPA2 WEP and TKIP-MIC • SSL and TLS • AES • IPSec 	<ul style="list-style-type: none"> • IEEE 802.11i • WPA2 WEP and TKIP-MIC • SSL and TLS: • AES • IPSec 	<ul style="list-style-type: none"> • IEEE 802.11i • WPA2 WEP and TKIP-MIC • SSL and TLS • AES • IPSec
Management Interfaces Security	<ul style="list-style-type: none"> • Web-based: HTTP/HTTPS • Command-line interface: Telnet, SSH, serial port • Cisco Wireless Control System • IEEE 802.11i • WPA2 	<ul style="list-style-type: none"> • Web-based: HTTP/HTTPS • Command-line interface: Telnet, SSH, serial port • Wireless Control System • IEEE 802.11i • WPA2 	<ul style="list-style-type: none"> • Web-based: HTTP/HTTPS • Command-line interface: Telnet, SSH, serial port • Wireless Control System • IEEE 802.11i • WPA2 	<ul style="list-style-type: none"> • Web-based: HTTP/HTTPS • Command-line interface: Telnet, SSH, serial port • Wireless Control System • IEEE 802.11i • WPA2
IEEE 802.1D Spanning Tree Protocol Management Interfaces	<ul style="list-style-type: none"> • Yes—Web-based: HTTP/HTTPS • Command-line interface: Telnet, SSH, serial port • Cisco Wireless Control System 	<ul style="list-style-type: none"> • Yes—Web-based: HTTP/HTTPS • Command-line interface: Telnet, SSH, serial port • Wireless Control System 	<ul style="list-style-type: none"> • Yes—Web-based: HTTP/HTTPS • Command-line interface: Telnet, SSH, serial port • Wireless Control System 	<ul style="list-style-type: none"> • Yes—Web-based: HTTP/HTTPS • Command-line interface: Telnet, SSH, serial port • Wireless Control System
IEEE 802.1D Spanning Tree Protocol	Yes	Yes	Yes	Yes

Ordering Information

Table 2. Ordering Information for Cisco 4400 Series Wireless LAN Controllers

Product Name	Part Number	Product Description
Cisco 4402 Wireless LAN Controller-12	AIR-WLC4402-12-K9	Provides systemwide wireless LAN functions, such as security policies, intrusion prevention, RF management, quality of service (QoS), and mobility. Works in conjunction with up to 12 Cisco lightweight access points and Cisco WCS Software to support business-critical wireless applications.
Cisco 4402 Wireless LAN Controller-25	AIR-WLC4402-25-K9	Provides systemwide wireless LAN functions, such as security policies, intrusion prevention, RF management, QoS, and mobility. Works in conjunction with up to 25 Cisco lightweight access points and Cisco WCS Software to support business-critical wireless applications.
Cisco 4402 Wireless LAN Controller-50	AIR-WLC4402-50-K9	Provides systemwide wireless LAN functions, such as security policies, intrusion prevention, RF management, quality of service (QoS), and mobility. Works in conjunction with up to 50 Cisco lightweight access points and Cisco WCS Software to support business-critical wireless applications.
Cisco 4404 Wireless LAN Controller	AIR-WLC4404-100-K9	Provides systemwide wireless LAN functions, such as security policies, intrusion prevention, RF management, QoS, and mobility. Works in conjunction with up to 100 Cisco lightweight access points and Cisco WCS Software to support business-critical wireless applications.

For More Information

For more information about Cisco wireless LAN controllers, contact your local account representative or visit: <http://www.cisco.com/en/US/products/ps6366/index.html>.

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