



## Cisco Wireless LAN Controller Module

The Cisco® Wireless LAN Controller Module allows small and medium-sized businesses and enterprise branch offices to cost-effectively deploy and manage secure wireless LANs. It provides unparalleled security, mobility, and ease of use for business-critical WLANs, delivering the most secure enterprise-class wireless system available. As a Cisco Integrated Services Router module, it delivers centralized security policies, wireless intrusion prevention system (IPS) capabilities, award-winning RF management, quality of service (QoS), and Layer 3 fast secure roaming for WLANs. The Cisco Wireless LAN Controller Module manages up to six Cisco Aironet® lightweight access points and is supported on Cisco 2800/3800 Series integrated services routers and Cisco 3700 Series routers.

The Cisco Wireless LAN Controller Module is a member of the Cisco Wireless LAN Controller product family. It works in conjunction with Cisco Aironet lightweight access points, the Cisco Wireless Control System (WCS), and the Cisco Wireless Location Appliance to support mission-critical wireless data, voice, and video applications.

The Cisco Wireless LAN Controller Module provides zero-touch access point deployment and configuration, making it easy for IT managers to extend secure wireless networks to branch offices. The module eliminates the need to individually configure, manage, and monitor each access point. In conjunction with Cisco Lightweight Access Point Protocol (LWAPP)-enabled access points and the Cisco WCS, the Cisco Wireless LAN Controller module minimizes deployment and operational costs, allowing businesses with limited IT staff to easily deploy and manage wireless networks across hundreds of remote sites.

Table 1 describes the features and benefits of the Cisco Wireless LAN Controller Module.

**Table 1.** Features and Benefits of the Cisco Wireless LAN Controller Module

Feature	Benefits
<b>Integrated into Cisco Routers</b>	<ul style="list-style-type: none"><li>• With the Cisco Wireless LAN Controller module, SMBs and enterprise branch offices can cost-effectively support their network requirements with converged networks that integrate data, voice, video, and wireless.</li><li>• Integrated branch-office platforms lower hardware costs, simplify remote management, and offer flexible configuration options that reduce the total cost of operations and ownership.</li><li>• By using the existing rich portfolio of services such as integrated Cisco EtherSwitch® modules with power over Ethernet (PoE), IP Communications, and security, the Wireless LAN Controller Module delivers a more economical and manageable solution for customers.</li></ul>
<b>Zero-Touch Configuration</b>	The Cisco Wireless LAN Controller Module eliminates the need to individually configure, manage, and monitor each access point. It provides zero-touch LWAPP-enabled access point configuration and is ideal for environments with limited onsite IT support, such as branch offices within a distributed enterprise. By managing all access points as a complete wireless LAN system, the Cisco Wireless LAN Controller Module provides complete wireless LAN control and maximizes wireless LAN performance.
<b>Centralize Management Across Many Branches</b>	A single Cisco Wireless Control System (WCS) can manage 100 wireless LAN controller modules located across several remote sites. The Cisco Wireless LAN Controller Module can also be managed without a Cisco WCS, using a CLI or an intuitive Web interface.

Feature	Benefits
<b>RF Security</b>	Integrated wireless intrusion prevention preserves the integrity of wireless networks and sensitive corporate information.
<b>Integrated Radio Resource Management (RRM)</b>	The Wireless LAN Controller Module creates an intelligent RF control plane for self-configuration, self-healing, and self-optimization.
<b>Fast Secure Mobility</b>	Fast secure roaming between access points enables low-latency applications such as voice over WLAN (branchwide cordless telephony).

## AVAILABILITY

Customers interested in purchasing the new Cisco Wireless LAN Controller Module may place orders beginning November 30, 2005 through normal sales channels. New orders will ship from manufacturing on December 15, 2005.

## ORDERING INFORMATION

Table 2 lists ordering information for the Cisco Wireless LAN Controller Module.

**Table 2.** Ordering Information

Part Number	Description
NM-AIR-WLC6-K9	Cisco Wireless LAN Controller Module for managing up to 6 lightweight access points (when sold as part of ISR system)
NM-AIR-WLC6-K9=	Cisco Wireless LAN Controller Module for up to 6 lightweight access points (spare, ordered as an individual unit)

## FOR MORE INFORMATION

For more information about the **Cisco Wireless LAN Controller Module**, visit <http://www.cisco.com/en/US/products/ps6730/index.html>, or contact your local account representative.

For more information about **Cisco Aironet** products, visit: <http://www.cisco.com/go/aironet>

For more information about the **Cisco Unified Wireless Network**, visit: <http://www.cisco.com/go/unifiedwireless>

**Corporate Headquarters**

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
www.cisco.com  
Tel: 408 526-4000  
800 553-NETS (6387)  
Fax: 408 526-4100

**European Headquarters**

Cisco Systems International BV  
Haarlerbergpark  
Haarlerbergweg 13-19  
1101 CH Amsterdam  
The Netherlands  
www-europe.cisco.com  
Tel: 31 0 20 357 1000  
Fax: 31 0 20 357 1100

**Americas Headquarters**

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
www.cisco.com  
Tel: 408 526-7660  
Fax: 408 527-0883

**Asia Pacific Headquarters**

Cisco Systems, Inc.  
168 Robinson Road  
#28-01 Capital Tower  
Singapore 068912  
www.cisco.com  
Tel: +65 6317 7777  
Fax: +65 6317 7799

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