



EU Directives 1999/5/EC & 93/42/ECC: Compliance Information for the Cisco Aironet 1140 Series IEEE802.11 a/b/g/n Wireless LAN Products

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This document contains compliance information for the Cisco AIR-AP1140 Series Access Points that is relevant to the European Union (EU) and other countries that have implemented the EU Directive 1999/5/EC and/or EU Directive 93/42/EC.

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Scope

The information in this document is applicable to the Cisco Aironet 1140 series wireless LAN products that currently includes the AIR-(L)AP1141N-E-K9 2.4 GHz access point and the AIR-(L)AP1142N-E-K9 dual band (2.4- and 5- GHz) access point.

The equipment operates in the 2400- to 2483.5-MHz frequency range, and depending on the product configuration, also in the 5150- to 5350-MHz and 5470- to 5725-MHz frequency range.

National regulations may require that operations be limited to portions of the frequency ranges identified above and/or at reduced power levels. See the "National Restrictions" section on page 5 for complete details.

Declaration of Conformity with Regard to the EU Directives

This declaration is only valid for configurations (combinations of software, firmware and hardware) supported or provided by Cisco Systems for use within the EU. The use of software or firmware not supported or provided by Cisco Systems may result in the equipment no longer being compliant with the regulatory requirements.

Български [Bulgarian]	Това оборудване отговаря на съществените изисквания и приложими клаузи на Директива 1999/5/EC.
Česky [Czech]:	Toto zařízení je v souladu se základními požadavky a ostatními odpovídajícími ustanoveními Směrnice 1999/5/EC.
Dansk [Danish]:	Dette udstyr er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i Direktiv 1999/5/EF.
Deutsch [German]:	Dieses Gerät entspricht den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben der Richtlinie 1999/5/EU.
Eesti [Estonian]:	See seade vastab direktiivi 1999/5/EÜ olulistele nõuetele ja teistele asjakohastele sätetele.
English:	This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español [Spanish]:	Este equipo cumple con los requisitos esenciales así como con otras disposiciones de la Directiva 1999/5/CE.
Ελληνική [Greek]:	Αυτός ο εξοπλισμός είναι σε συμμόρφωση με τις ουσιώδεις απαιτήσεις και άλλες σχετικές διατάξεις της Οδηγίας 1999/5/EC.
Français [French]:	Cet appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 1999/5/EC.
Íslenska [Icelandic]:	Þetta tæki er samkvæmt grunnkröfum og öðrum viðeigandi ákvæðum Tilskipunar 1999/5/EC.
Italiano [Italian]:	Questo apparato è conforme ai requisiti essenziali ed agli altri principi sanciti dalla Direttiva 1999/5/CE.
Latviešu [Latvian]:	Šī iekārta atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]:	Šis įrenginys tenkina 1999/5/EB Direktyvos esminius reikalavimus ir kitas šios direktyvos nuostatas.

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Nederlands [Dutch]:	Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van de Richtlijn 1999/5/EC.
Malti [Maltese]:	Dan l-apparat huwa konformi mal-htigiet essenzjali u l-provedimenti l-oħra rilevanti tad-Direttiva 1999/5/EC.
Magyar [Hungarian]:	Ez a készülék teljesíti az alapvető követelményeket és más 1999/5/EK irányelvben meghatározott vonatkozó rendelkezéseket.
Norsk [Norwegian]:	Dette utstyret er i samsvar med de grunnleggende krav og andre relevante bestemmelser i EU-direktiv 1999/5/EF.
Polski [Polish]:	Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE: 1999/5/EC.
Português [Portuguese]:	Este equipamento está em conformidade com os requisitos essenciais e outras provisões relevantes da Directiva 1999/5/EC.
Română [Romanian]:	Acest echipament este în conformitate cu cerințele esențiale și cu alte prevederi relevante ale Directivei 1999/5/EC.
Slovensko [Slovenian]:	Ta naprava je skladna z bistvenimi zahtevami in ostalimi relevantnimi pogoji Direktive 1999/5/EC.
Slovensky [Slovak]:	Toto zariadenie je v zhode so základnými požiadavkami a inými príslušnými nariadeniami direktív: 1999/5/EC.
Suomi [Finnish]:	Tämä laite täyttää direktiivin 1999/5/EY olennaiset vaatimukset ja on siinä asetettujen muiden laitetta koskevien määräysten mukainen.
Svenska [Swedish]:	Denna utrustning är i överensstämmelse med de väsentliga kraven och andra relevanta bestämmelser i Direktiv 1999/5/EC.

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**Note**

The full declaration of conformity for this product can be found in the Declarations of Conformity and Regulatory Information section of the *Getting Started Guide: Cisco Aironet 1140 Series Lightweight Access Point*, which is available on the product CD and Cisco.com. See the “[Obtaining Documentation, Support, and Security Guidelines](#)” section on page 7 for instructions for downloading these documents.

The following standards were applied during the assessment of the product against the requirements of the Directive 1999/5/EC:

- Radio: EN 301.893 and EN 300 328
- EMC: EN 301 489-1 and EN 301 489-17
- Safety: EN 60950 and EN 50385

This device also conforms to the EMC requirements of the Medical Directive 93/42/EEC and as contained in EN 60601-1-2: 2001.

CE Marking

For the Cisco Aironet AIR-(L)AP1141N-E-K9 and the AIR-(L)AP1142N-E-K9 the following CE mark and Class-2 identifier are affixed to the equipment and its packaging:



National Restrictions

In the majority of the EU and other European Countries, the 2.4- and 5-GHz bands have been made available for the use of wireless LANs. Table 1 provides an overview of the regulatory requirements in general applicable for the 2.4- and 5-GHz bands.

Later in this section you will find an overview of countries in which additional restrictions or requirements or both are applicable.

The requirements for any country may evolve. Cisco recommends that you check with the local authorities for the latest status of their national regulations for both the 2.4- and 5-GHz wireless LANs.

Table 1 Overview of Regulatory Requirements for Wireless LANs

Frequency Band (MHz)	Max Power Level (EIRP) ¹ (mW)	Indoor ONLY	Indoor and Outdoor
2400–2483.5	100		X
5150–5350 ²	200	X	
5470–5725 ²	1000		X

1. Effective isotropic radiated power (EIRP).

2. The AIR-(L)AP1141N-E-K9 operates only in 2400 - 2483.5 MHz band.

Denmark

In Denmark, the band 5150 - 5350 MHz is also allowed for outdoor usage.

I Danmark må frekvensbåndet 5150 - 5350 også anvendes udendørs.

France

For 2.4 GHz, the output power is restricted to 10 mW EIRP when the product is used outdoors in the band 2454 - 2483.5 MHz. There are no restrictions when used indoors or in other parts of the 2.4 GHz band. Check <http://www.arcep.fr/> for more details.

Pour la bande 2.4 GHz, la puissance est limitée à 10 mW en p.i.r.e. pour les équipements utilisés en extérieur dans la bande 2454 - 2483.5 MHz. Il n'y a pas de restrictions pour des utilisations en intérieur ou dans d'autres parties de la bande 2.4 GHz. Consultez <http://www.arcep.fr/> pour de plus amples détails.

Italy

This product meets the National Radio Interface and the requirements specified in the National Frequency Allocation Table for Italy. Unless this wireless LAN product is operating within the boundaries of the owner's property, its use requires a “general authorization”. Please check <http://www.sviluppoeconomico.gov.it/> for more details.

Questo prodotto è conforme alla specifiche di Interfaccia Radio Nazionali e rispetta il Piano Nazionale di ripartizione delle frequenze in Italia. Se non viene installato all'interno del proprio fondo, l'utilizzo di prodotti Wireless LAN richiede una “Autorizzazione Generale”. Consultare <http://www.sviluppoeconomico.gov.it/> per maggiori dettagli.

Latvia

The outdoor usage of the 2.4 GHz band requires an authorization from the Electronic Communications Office. Please check <http://www.esd.lv> for more details.

2.4 GHz frekvenču joslas izmantošanai ārpus telpām nepieciešama atļauja no Elektronisko sakaru direkcijas. Vairāk informācijas: <http://www.esd.lv>.



Note

Although Norway, Iceland, Switzerland and Liechtenstein are not EU member states, the EU Directive 1999/5/EC has also been implemented in those countries.

Antennas

The 1140 series Wireless LAN products have integrated antennas which can not be removed or which are not user accessible.

Operating Frequency

The operating frequency in a Wireless LAN is determined by the access point. As such, it is important that the access point is correctly configured to meet the local regulations. See the “[National Restrictions](#)” section on page 5 for the country specific operating frequency ranges.

Related Documentation

These documents provide information about the controllers and access points:

- *Cisco WLAN Controller Web Interface User Guide*—Describes the web user interface that is built into each Cisco Wireless LAN controller.
- *Cisco Wireless LAN Controller Installation and Configuration Guide*—Describes installation, configuration, and logging into Cisco Wireless LAN Controllers.
- *Getting Started Guide: Cisco Aironet 1140 Series Lightweight Access Point*—Provides a product overview and basic instructions for getting an 1140 series access point connected to a wireless LAN.

**Note**

If you still have questions regarding the compliance of these products or you cannot find the information you are looking for, please send an e-mail request to Cisco at complianceinfo@cisco.com.

Obtaining Documentation, Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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