

## Cisco Aironet 1240AG and Aironet 1240G Series

The Cisco® Aironet® 1240AG Series Access Point is an IEEE 802.11a/b/g fixed-configuration, dual-band access point. Built in to the access point are two radios, each with dual antenna connectors for diversity. The Cisco Aironet 1240G Series Access Point provides single-band 802.11g wireless connectivity. Both series are designed for challenging RF environments such as factories, warehouses, and large retail establishments.

The Cisco Aironet 1240AG and Aironet 1240G support local power as well as Power over Ethernet (PoE), either by an IEEE 802.3af-compliant Power Sourcing Equipment (PSE) device, such as a switch, or by a device capable of providing 12.95W to a powered device and compliant with Cisco Inline Power. The Cisco Aironet 1240AG and Aironet 1240G Series include a console port for management.

The Cisco Aironet 1240AG and Aironet 1240G Series ship with the following:

- Access point
- Cisco IOS® Software or Cisco Lightweight Access Point Protocol (LWAPP)<sup>1</sup>
- Mounting plate, security hasp, pair of ceiling tile clips, and hardware accessory package
- Documentation

The power supply and power cord also ship with the access point unless you chose not to receive these items when you placed your order. Refer to the section “Power Supply”.

### Eco Packs

To reduce product packaging and preserve the environment, the Cisco Aironet 1240AG may be ordered in a 10 quantity Eco packs that ship with the following:

- Access Point: quantity 10 units
- Cisco IOS® Software or Cisco Lightweight Access Point Protocol (LWAPP)<sup>2</sup>
- Mounting plate, security hasp, pair of ceiling tile clips, and hardware accessory package: quantity 10 units
- Documentation: 1 set of documents

**Note:** For customers that require local power, Power supplies and power cords are not included with the bulk package and need to be ordered as a separate line item.

The Cisco Aironet 1240AG and Aironet 1240G Series are available in several stock keeping units (SKUs), identifying a particular regulatory domain (Tables 1 and 2). Each version provides a unique combination of channel and power settings that are compliant with local government regulations.

<sup>1</sup> The Cisco Aironet 1240AG and Aironet 1240G Series can be ordered with Cisco IOS Software to operate as an autonomous access point or with LWAPP. When the Cisco Aironet 1240AG and Aironet 1240G are operating as lightweight access points, a wireless LAN (WLAN) controller is required.

<sup>2</sup> The Cisco Aironet 1240AG and Aironet 1240G Series can be ordered with Cisco IOS Software to operate as an autonomous access point or with LWAPP. When the Cisco Aironet 1240AG and Aironet 1240G are operating as lightweight access points, a wireless LAN (WLAN) controller is required.

**Table 1.** Cisco Aironet 1240AG Series Regulatory Domains

Part Number	Description	Regulatory Domain
<b>AIR-AP1242AG-x-K9</b>	802.11a/g Non-modular IOS AP; RP-TNC	x= <ul style="list-style-type: none"> <li>• A=FCC</li> <li>• C=China</li> <li>• E=ETSI</li> <li>• I=Israel</li> <li>• J=TELEC (Japan)</li> <li>• K=Korea</li> <li>• N=North America (Excluding FCC)</li> <li>• P=Japan2</li> <li>• S=Singapore</li> <li>• T=Taiwan</li> </ul>
<b>AIR-LAP1242AG-x-K9</b>	802.11a/g Non-modular LWAPP AP; RP-TNC	x= <ul style="list-style-type: none"> <li>• A=FCC</li> <li>• C=China</li> <li>• E=ETSI</li> <li>• I=Israel</li> <li>• J=TELEC (Japan)</li> <li>• K=Korea</li> <li>• N=North America (Excluding FCC)</li> <li>• P=Japan2</li> <li>• S=Singapore</li> <li>• T=Taiwan</li> </ul>

**Table 2.** Cisco Aironet 1240G Series Regulatory Domains

Part Number	Description	Regulatory Domain
<b>AIR-AP1242G-x-K9</b>	802.11g non-modular Cisco IOS access point; RP-TNC	x= <ul style="list-style-type: none"> <li>• A=FCC</li> <li>• E=ETSI</li> <li>• P=Japan2</li> </ul>
<b>AIR-LAP1242G-x-K9</b>	802.11g non-modular LWAPP access point; RP-TNC	x= <ul style="list-style-type: none"> <li>• A=FCC</li> <li>• E=ETSI</li> <li>• P=Japan2</li> </ul>

**Table 3.** Cisco Aironet 1240AG Series Eco Pack SKUs and Regulatory Domains

Part Number	Description	Regulatory Domain
<b>AIR-AP1242-x-K9-10</b>	802.11a/g Non-modular IOS AP; RP-TNC; 10 APs	x= <ul style="list-style-type: none"> <li>• A=FCC</li> <li>• E=ETSI</li> </ul>
<b>AIR-LAP1242-xK9-10</b>	802.11a/g Non-modular LWAPP AP; RP-TNC; 10 APs	x= <ul style="list-style-type: none"> <li>• A=FCC</li> <li>• E=ETSI</li> </ul>

The Cisco Aironet 1240AG and Aironet 1240G Series are certified for use in many countries around the world. Visit <http://www.cisco.com/go/aironet/compliance> for the version operable in your country. Note that the version applicable for your country may have changed from previous-generation Cisco Aironet products.

The "A" SKU is for countries that follow the FCC regulations and can support the additional channels, whereas the "N" SKU is for countries that otherwise follow FCC regulations, but do not support the additional channels. To verify which version is operable in your country, visit: <http://www.cisco.com/go/aironet/compliance>.

## Power Supply

The Cisco Aironet 1240AG and Aironet 1240G Series ship with a 100- to 240-VAC power supply that provides 48 VDC to locally power the access point. Table 2 lists the part numbers associated with Cisco Aironet power supply options.

To receive the power supply with the access point, no action is required. You may select the “AIR-PWR-A” option under the “Power Supply” category, or you may take no action for this option category.

The Cisco Aironet 1240AG and Aironet 1240G Series can alternatively be configured during ordering to ship without the power supply. Customers who intend to power the access point from an inline power-capable switch would not require the power supply. Note: Customers planning to use the Cisco Aironet Power Injector will still require the power supply.

To have the access point ship without the power supply, select “AIR-NO-PWR-SUPPLY” under the “Power Supply” category. Do not choose this option if you need the power supply for the access point or for a power injector.

Note that the list prices for the Cisco Aironet 1240AG and Aironet 1240G Series remain the same, regardless of whether you select a power supply.

**Table 4.** Cisco Aironet 1240AG and Aironet 1240G Power Supply Product Numbers

Product Number	Product Description
AIR-PWR-A	Power supply for the Cisco Aironet 1240AG and Aironet 1240G Series
AIR-NO-PWR-SUPPLY	Power supply not shipped

If lost or damaged, the power supply can also be ordered as a spare replacement part (Table 4). Spare parts do have a cost associated with them.

**Table 5.** Spare Cisco Aironet 1240AG and Aironet 1240G Power Supply Product Numbers

Product Number	Product Description
AIR-PWR-B=	Power supply for the Cisco Aironet 1240AG and Aironet 1240G Series

## Power Injector

A Cisco Aironet power injector can be configured to order, or can be ordered as a separate item (Table 5). If the power injector is configured to your order, it will ship inside the packaging box of the access point. If the power injector is ordered as a separate item, it will ship in a separate box.

The power injector does not come with a power supply. Instead, it uses the power supply from the access point. If you intend to use the power injector, be sure that the power supply will be included with your access point, either by selecting the “AIR-PWR-A” option under the “Power Supply” category, or by taking no action for that category. Do not select “AIR-NO-PWR-SUPPLY” for the “Power Supply” category.

The power injector can be ordered separately. If you previously ordered the access point without a power supply, you will now need to order a spare power supply to use the power injector. Refer to Table 3 for power supply spare part numbers.

**Table 6.** Cisco Aironet 1240AG and Aironet 1240G Series Power Injector Product Numbers

Product Number	Product Description
AIR-PWRINJ3	Power injector for the Cisco Aironet 1240AG and Aironet 1240G Series
AIR-PWRINJ3=	Power injector for the Cisco Aironet 1240AG and Aironet 1240G Series (spare)
AIR-PWRINJ-FIB	Cisco Aironet Power Injector Media Converter
AIR-PWRINJ-FIB=	Cisco Aironet Power Injector Media Converter (spare)

## Console Cable

The Cisco Aironet 1240AG and Aironet 1240G Series can be configured using the console port. A console cable does not ship with the access point, but can be ordered separately (Table 6).

**Table 7.** Cisco Aironet 1240AG and Aironet 1240G Series Console Cable Part Number

Product Number	Product Description
AIR-CONCAB1200=	Cisco Aironet 1130AG, 1200 and 1240AG series console cable

## Mounting Bracket

The Cisco Aironet 1240AG and Aironet 1240G Series ship with a mounting bracket and hardware. Additional brackets can be purchased separately (Table 7).

**Table 8.** Cisco Aironet 1240AG and Aironet 1240G Series Access Point Mounting Bracket Part Number

Product Number	Product Description
AIR-AP1242MNTGKIT=	Cisco Aironet 1240AG and Aironet 1240G Access Point Ceiling/Wall Mount Bracket Kit- spare



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