

# New –B Domain for Cisco Aironet Access Points for U.S. (FCC)

PB737028

To comply with FCC rules order 14-30, Cisco will introduce new –B domain access point products for use in the United States (U.S.). The –B domain access points will be used only in the U.S. Previously, the –A domain access points were used for the U.S. and other countries (such as Canada). While the –A domain access points will continue to be sold to other countries currently using the –A domain, they cannot be shipped to the U.S. effective June 2, 2016, per the FCC order. Therefore, starting May 1, 2016, Cisco will restrict the ordering of –A and –UX domain access points for sale into the U.S. to ensure that all sales orders received by this date are shipped prior to the June 2, 2016, FCC deadline. Customers are encouraged to migrate to ordering –B domain access points starting May 1, 2016.

Please note that there is no requirement to stop using –A domain access points in the U.S. after the FCC deadline. They can continue to operate and can even coexist with the new –B domain access points in the same network.

## New Features

The –B domain access points comply with the FCC order 14-30 rules. A summary of the changes introduced in the –B domain access points is provided below.

- U-NII 1 band (5150 to 5250 MHz) is now allowed for outdoor use.
- In the U-NII 1 band (5150 to 5250 MHz), the allowed TX power level is increased to 1W (for indoor, outdoor, point to point), with extreme restrictions on effective isotropic radiated power (EIRP) above a 30-degree horizon when used outdoors.
- The Terminal Doppler Weather Radar (TDWR) bands (channels 120, 124, and 128) are reopened with new test requirements for dynamic frequency selection (DFS) protection.
- The access points meet new power spectral density and above- and below-band edge emissions requirements for the U-NII3 (5.725 to 5.85 GHz) band.

## Upgrade Paths

New software will be made available to support the –B domain access points. Cisco will provide –B domain support on numerous software releases to facilitate customer deployments of –B domain access points. To download software, visit the [Cisco® Software Center](#).

## Ordering Information

The SKUs for ordering –B domain access points will be similar to those for the –A domain access points, except that they will now reflect –B instead of –A. Table 1 shows the SKUs previously used to order –A domain access points for the U.S. and the new corresponding –B domain SKUs that should now be used for U.S. deployments starting on May 1, 2016.

To place an order, visit the [Cisco Ordering home page](#).

**Table 1.** Ordering Information

Product Name	Previously Used Part Number (-A Domain)	New -B Domain Part Number
<b>Cisco Aironet® 3700 Series Access Points</b>	AIR-CAP3702i-A-K9	AIR-CAP3702i-B-K9
	AIR-CAP3702e-A-K9	AIR-CAP3702e-B-K9
	AIR-CAP3702P-A-K9	AIR-CAP3702P-B-K9
	AIR-CAP3702i-AK910	AIR-CAP3702i-BK910
	AIR-CAP3702e-AK910	AIR-CAP3702e-BK910
	AIR-CAP3702P-AK910	AIR-CAP3702P-BK910
<b>Cisco Aironet 2700 Series Access Points</b>	AIR-CAP2702i-A-K9	AIR-CAP2702i-B-K9
	AIR-CAP2702e-A-K9	AIR-CAP2702e-B-K9
	AIR-CAP271BO-A-K9	AIR-CAP271BO-B-K9
	AIR-CAP2702i-AK910	AIR-CAP2702i-BK910
	AIR-CAP2702e-AK910	AIR-CAP2702e-BK910
	AIR-CAP271BO-AK910	AIR-CAP271BO-BK910
<b>Cisco Aironet 1700 Series Access Points</b>	AIR-CAP1702i-A-K9	AIR-CAP1702i-B-K9
	AIR-CAP1702i-A-K9C	AIR-CAP1702i-B-K9C
	AIR-CAP1702i-AK910	AIR-CAP1702i-BK910
	AIRCAP1702i-AK910C	AIRCAP1702i-BK910C
<b>Cisco Aironet 3600 Series Access Points</b>	AIR-CAP3602i-A-K9	AIR-CAP3602i-B-K9
	AIR-CAP3602e-A-K9	AIR-CAP3602e-B-K9
	AIR-CAP361BO-A-K9	AIR-CAP361BO-B-K9
	AIR-CAP3602i-AK910	AIR-CAP3602i-BK910
	AIR-CAP3602e-AK910	AIR-CAP3602e-BK910
	AIR-CAP361BO-AK910	AIR-CAP361BO-BK910
<b>Cisco Aironet 2600 Series Access Points</b>	AIR-CAP2602i-A-K9	AIR-CAP2602i-B-K9
	AIR-CAP2602e-A-K9	AIR-CAP2602e-B-K9
	AIR-SAP2602i-A-K9	AIR-SAP2602i-B-K9
	AIR-SAP2602e-A-K9	AIR-SAP2602e-B-K9
	AIR-CAP261BO-A-K9	AIR-CAP261BO-B-K9
	AIR-CAP2602i-AK910	AIR-CAP2602i-BK910
	AIR-CAP2602e-AK910	AIR-CAP2602e-BK910
	AIR-SAP2602i-AK9-5	AIR-SAP2602i-BK9-5
	AIR-SAP2602e-AK9-5	AIR-SAP2602e-BK9-5
	AIR-CAP261BO-AK910	AIR-CAP261BO-BK910
<b>Cisco Aironet 1600 Series Access Points</b>	AIR-CAP1602i-A-K9	AIR-CAP1602i-B-K9
	AIR-CAP1602e-A-K9	AIR-CAP1602e-B-K9
	AIR-SAP1602i-A-K9	AIR-SAP1602i-B-K9
	AIR-SAP1602e-A-K9	AIR-SAP1602e-B-K9
	AIR-CAP161BO-A-K9	AIR-CAP161BO-B-K9
	AIR-CAP1602i-AK910	AIR-CAP1602i-BK910
	AIR-CAP1602e-AK910	AIR-CAP1602e-BK910

Product Name	Previously Used Part Number (-A Domain)	New -B Domain Part Number
	AIR-SAP1602i-AK9-5	AIR-SAP1602i-BK9-5
	AIR-SAP1602e-AK9-5	AIR-SAP1602e-BK9-5
	AIR-CAP16IBO-AK910	AIR-CAP16IBO-BK910
<b>Cisco Aironet 700 Series Access Points</b>	AIR-CAP702i-A-K9	AIR-CAP702i-B-K9
	AIR-SAP702i-A-K9	AIR-SAP702i-B-K9
	AIR-CAP702i-AK910	AIR-CAP702i-BK910
<b>Cisco Aironet 700w Series Access Points</b>	AIR-SAP702i-AK9-5	AIR-SAP702i-BK9-5
	AIR-CAP702W-A-K9	AIR-CAP702W-B-K9
	AIR-CAP702W-AK910	AIR-CAP702W-BK910
<b>Cisco Aironet 1530 Series Access Points</b>	AIR-CAP1532E-A-K9	AIR-CAP1532E-B-K9
	AIR-CAP1532I-A-K9	AIR-CAP1532I-B-K9

### For More Information

For more information about the Cisco Aironet access points, visit <http://www.cisco.com/go/wireless> or contact your local account representative.



Americas Headquarters  
Cisco Systems, Inc.  
San Jose, CA

Asia Pacific Headquarters  
Cisco Systems (USA) Pte. Ltd.  
Singapore

Europe Headquarters  
Cisco Systems International BV Amsterdam,  
The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at [www.cisco.com/go/offices](http://www.cisco.com/go/offices).

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: [www.cisco.com/go/trademarks](http://www.cisco.com/go/trademarks). Third party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)