



Read Me First

for the HP ProCurve Wireless Access Point 420

Software Version 2.0.37 (or Greater)

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About Your HP ProCurve Wireless Access Point 420 Manual Set

The access point manual set includes the following:

Document	Available on the HP ProCurve Website	Shipped With the Access Point
<i>Read Me First</i> (this document) ¹	Yes	Hardcopy
Installation and Getting Started Guide ¹	Yes	Hardcopy and CD ³
Management and Configuration Guide ^{1, 2}	Yes	CD ²
Release Notes (for software updates) ^{1, 4}	Yes	No

¹The latest edition is always available in PDF format and downloadable at <http://www.hp.com/go/hpprocurve>.

²These manuals cover the software features supported by the HP ProCurve Wireless Access Point 420.

³The *Product Documentation CD-ROM* shipped with your access point.

⁴Available only in downloadable electronic (PDF) form on the HP ProCurve website. See “Register for Automatic Notification of Updates” on page 2.

How To Read or Print Manuals Included On the CD-ROM. To access manuals included on the CD (in PDF format), use the Adobe® Acrobat® Reader. For PCs, HP recommends version 5.0 (or greater) of the Reader.

For MAC and UNIX® Platforms. You can download a Reader from the Adobe website at <http://www.adobe.com>.

Software Updates Are *Free!*



Hewlett-Packard periodically provides free software updates on the HP ProCurve website for various HP ProCurve products you may have in your network. To access the latest software updates, go to the HP ProCurve website at <http://www.hp.com/go/hpprocurve> then click on **Software upgrades** to go to the “HP ProCurve Networking Free Software Updates” page.

Register for Automatic Notification of Updates. From the “Free Software Updates” page you can also register yourself to automatically receive email notice of new updates for your managed ProCurve networking products. Just follow the instructions on that page for how to receive the update notices.

To determine whether you have the latest software, you can compare the software version that is available on the website with the version that is currently installed on your access point. Follow the instructions below to determine the current software version on your access point.

To Determine the Current Software Version in Your Access Point. Use any of the following methods to view the version:

- If you already have a console session going, at the Exec level prompt enter the **show version** command. The resulting display lists the current software version.
- In the web browser interface, click on the **Identity** tab. The current software version is listed as the number in the **Firmware Version** line.

HP ProCurve Networking Support Services

HP offers a wide variety of onsite and offsite support services for all HP ProCurve networking products. For a list of services available for this ProCurve product, visit

<http://www.hp.com/go/procurveservices>

Operation Notes

Setting the Country Code

The correct Country Code must be set for the country in which you operate the access point so that it uses the correct authorized radio channels for wireless network devices.

The North America product, J8130A, comes with the Country Code pre-configured; the worldwide product, J8131A, does not. The radio is disabled if the Country Code is not set. Once the Country Code is set, the radio is enabled.

If you are using the worldwide product, J8131A, before configuring radio settings on the access point, you must first use the CLI to set the Country Code. You can display the available country codes in the CLI by using the **country ?** command from the Exec level. After a Country Code is entered the **country** command is removed from the Command Line Interface (CLI). If an invalid Country Code has been entered, reboot the access point by pressing the reset button for at least five seconds. This restores the factory default settings.

Configuring Security Settings

The access point is configured by default as an “open system,” enabling anyone with a wireless network card to connect to the access point and gain access to network resources.

To protect your network from intruders, you should implement one of the access point’s security features, either Wired Equivalent Privacy (WEP) shared keys, MAC address filtering, IEEE 802.1x authentication, or Wi-Fi Protected Access (WPA). For more information, see the *Management and Configuration Guide* that is on the *Product Documentation CD-ROM* shipped with your access point.

External Antenna Support

Software version 2.0.37 adds support for the HP ProCurve family of omnidirectional and directional antennas, extending the reach of the HP ProCurve Wireless Access Point 420. Extend wireless connectivity within an office setting, warehouse, or retail environment. Expand your wireless network to provide campus-wide indoor and outdoor coverage. The following antennas are supported.

Antenna Type	Part Number	Mounting	Horizontal Beamwidth (3dB)	Vertical Beamwidth (3dB)
2 dBi indoor omnidirectional diversity	J8442A	Ceiling grid	360 Degrees	80 Degrees
5 dBi indoor/outdoor omnidirectional	J8441A	Ceiling or mast	360 Degrees	31 Degrees
6.5 dBi indoor/outdoor directional diversity	J8445A	Flush wall mount, articulating mount for wall or mast	80 Degrees	55 Degrees

Antenna Type	Part Number	Mounting	Horizontal Beamwidth (3dB)	Vertical Beamwidth (3dB)
7 dBi indoor/outdoor directional	J8443A	Flush wall mount with integrated articulating feature	65 Degrees	50 Degrees
8 dBi outdoor omnidirectional	J8444A*	Mast	360 Degrees	12 Degrees
11 dBi indoor/outdoor wide angle directional	J8446A*	Flush wall mount, tilt mount for mast	120 Degrees	13 Degrees

*** These antennas are not permitted for use in North America.**

For more information visit the HP ProCurve web site at: http://www.hp.com/rnd/products/wireless/420_series/summary.htm.

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