



NETGEAR

DG824 ADSL Modem Internet Gateway

Version 1.3 Release 03 [dg824(m)_1303.IMG, dg824(m)b_1303.IMG]

April 15, 2002

This note describes enhancements and bug fixes incorporated in the DG824B, DG824M and DG824MB firmware Version 1.3 Release 03. There are two files: dg824(m)_1303.IMG for DG824M, dg824(m)b_1303.IMG for DG824B and DG824MB. The new features and fixes are those added since the previous releases: Version 11 Release 00 for the DG824B and DG824MB, Version 12 Release 00 for the DG824M.

New Features Overview

Universal Plug and Play

Universal Plug and Play (UPnP) has been added and is enabled by default. A check box has been added to the Firewall Rules menu page to enable and disable the feature.

Modifications and Bug Fixes

1. Network Time Server (NTP) is now working when connecting to a PPPoA line.
2. Fixed ADSL synchronization problem with some Deutsche Telekom lines.
3. Fixed PPPoA disconnect problem with some ISPs.
4. Improved stability when under heavy traffic loads.
5. Maximum MTU size is no longer limited to 1362 bytes.
6. Firewall Rules can now contain overlapping ports as long as they are directed to the same server on the LAN.

Upgrade Procedure

To reach the Upgrade menu, click Maintenance from the navigation bar on the left, and then click the Gateway Upgrade heading. To upload new firmware:

1. Download and unzip the new software file from NETGEAR.
 - For the DG824B and DG824MB, the name of the file is dg824(m)b_1303.IMG
 - For the DG824M, the name of the file is dg824(m)_1303.IMG
2. Power cycle the gateway and wait for the test LED to go out.
3. In the Software Upgrade menu, click the Browse button and browse to the location of the binary (.IMG) upgrade file.
4. Click Upload. Wait for the progress bar to indicate that the upgrade is finished.
5. In the Gateway Status menu, verify that the Firmware Version now reads Version 13 Release 03.

Note: When uploading software to the Model DG824 gateway, it is important not to interrupt the Web browser by closing the window, clicking a link, or loading a new page. If the browser is interrupted, the software may be corrupted. When the upload is complete, your gateway will automatically restart.