SOFTWARE RELEASE NOTES

NETGEAR
DG834 ADSL Firewall Router
DG834G Wireless ADSL Firewall Router
Version 1.05.00
July 2, 2004

This note describes enhancements and bug fixes incorporated in the DG834, DG834G, DG834B and DG834GB firmware version 1.05.00. There are two files: dg834(g)_1.05.00.img for DG834 and DG834G, dg834(g)b_1.05.00.img for DG834B and DG834GB. The enhancements and fixes are those added since the previous release, 1.04.01. For historical purposes, the enhancements and bug fixes incorporated into previous firmware versions are also included.

IF UPGRADING FROM FIRMWARE EARLIER THAN 1.03.00, THE UPGRADE SHOULD BE OVER THE ETHERNET PORT, NOT OVER THE WIRELESS PORT, TO AVOID THE POSSIBILITY OF CORRUPTION.

New Features Overview, Version 1.05.00

1. **ADSL Statistics added.**

2. **Added ability to upgrade firmware remotely.**

Modifications and Bug Fixes, Version 1.05.00

1. Improved wireless stability.
2. Rolled back ADSL microcode to fix syncronization issue on some loops.
3. In NAT Disabled mode, modified default inbound rule to DROP.
4. Netmeeting voice support fixed.

New Features Overview, Version 1.04.01

1. **WPA-802.1x.**

2. **Wireless Isolation support.**
   Isolates wireless clients from each other.

3. **Support for PPPoE with Static IP address.**

4. **Add support for text mode configuration files**

5. **Add DynDNS events to log.**

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6. **Knowledge Base Link**
   A link to the DG834 support page is included in the main menu.

Modifications and Bug Fixes, Version 1.04.01

1. PPTP passthrough fixed.
2. MSN Messenger 6 incompatibilities fixed.
3. Improved wireless compatibility with pre-standard 802.11g clients.
4. Improved PPP error condition behavior.
5. Improved firewall behavior when NAT is disabled.
6. Updated ADSL microcode.

New Features Overview, Version 1.03.00

1. **WPA-PSK.**

2. **E-mail Authentication.**
   Logs can now be e-mailed to SMTP servers that require a login and password.

Modifications and Bug Fixes, Version 1.03.00

1. Improved Wireless throughput.
2. Improved reliability of FTP upload. This was caused by blocking certain ICMP error messages.
3. Improved ping times.
4. DynDNS improvements.
5. Improved PPP stability for Always Connected.
6. Fixed PPTP passthrough to allow server on LAN.
7. Updated Any(All) Service to include all IP protocols. Previously only TCP and UDP.
8. Changed length of PPP username and password fields to support 63 characters.
9. Fixed various bugs in non-English GUI.
10. Improved formatting of Logs.

Known Issues, Version 1.03.00

1. Firmware upgrade over wireless may corrupt firmware.
2. Some MSN Messenger voice and whiteboard incompatibilities.
3. Firewall rules by Schedule is broken.

Upgrade Procedure

To reach the Upgrade menu, click Router Upgrade from the Maintenance section. To upload new firmware:
1. Download and unzip the new file from NETGEAR. The filename is DG834(G)_V1.05.00.img for DG834 and DG834G.   The filename is DG834(G)B_V1.05.00.img for DG834B and DG834GB.
2. Connect to the DG834(G) using the Ethernet ports.
3. In the Router Upgrade menu, click the Browse button and browse to the location of the binary (.img) upgrade file.
4. Click Upload.

Note: When uploading software to the Model DG834 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, it may corrupt the software. When the upload is complete, your gateway will automatically restart.

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