D-Link®

Quick Install Guide

DIR-605
D-Link® Fuzion™
Broadband Aggregation Router
with Fuzion™ Cloud Service

Business Class Networking

Introduction

Welcome to the line of D-Link® Fuzion™ Broadband Aggregation Routers. Fuzion powered routers provide downstream and upstream speed aggregation, as well as resiliency via failover when connected to two to four broadband lines. One router is required for each broadband line.

Leverage the power of the Cloud using the Fuzion™ Aggregation Service to centrally and remotely configure, deploy, secure and manage your entire network at a per-site level.

System Requirements

Important: Before connecting, you must register your Fuzion™ Router online.

To properly configure your Router, you will need:

- Internet connectivity (two to four broadband lines, operational and configured)
- Computer with a Windows®, Macintosh®, or Linux-based operating system
- Browser with Firefox 3.6, Chrome 5.0, Safari 4.0, Internet Explorer 8.0, or later versions

  Note: your Router includes a one-year subscription to the Fuzion Cloud Aggregation service. After one year, the service requires an annual subscription.

Package Contents

If any of following items are missing, please contact your reseller:

- D-Link DIR-605 Fuzion™ Broadband Aggregation Router
- Power Adapter
- CAT5 Ethernet Cable
- Quick Install Guide

Note: Product features, screen shots, and Fuzion™ Portal are subject to change without notice, and actual product appearance may differ from that depicted herein. All features and screen shots are based on current version/firmware at time of print.

① **Antennas**

Used to broadcast wireless network and receive connections from clients.

② **LAN Ports**

Connects DIR-605 to your clients via Ethernet cable. See Connecting your Network.

③ **Internet Port**

Connects to your broadband modem via Ethernet cable.

④ **Power Receptor**

Receptor for the included power adapter.

⑤ **Reset Button**

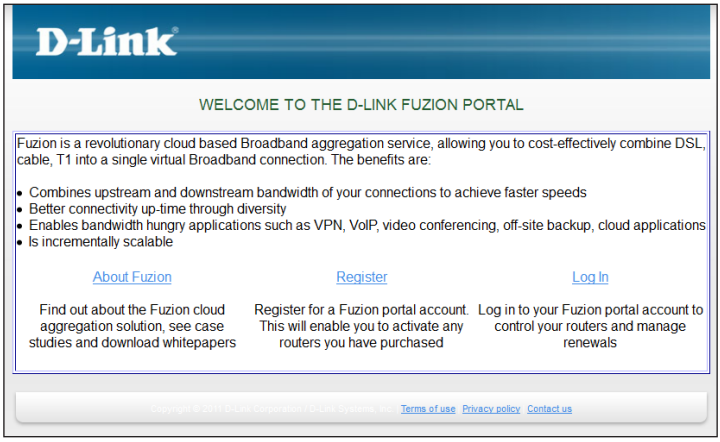
Resets the router to factory defaults.

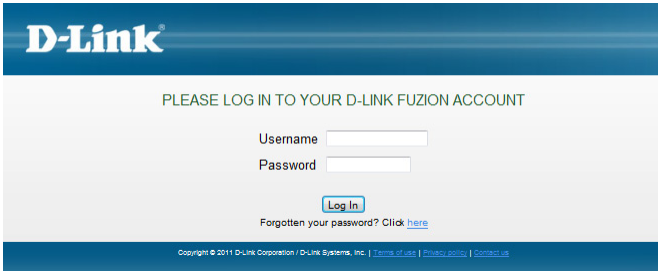
Registering Your Fuzion Router Online

Step 1: Before you can use the DIR-605 router, you must register it online through the Fuzion™ Portal. Open a web browser and go to **https://fuzion.dlink.com**.

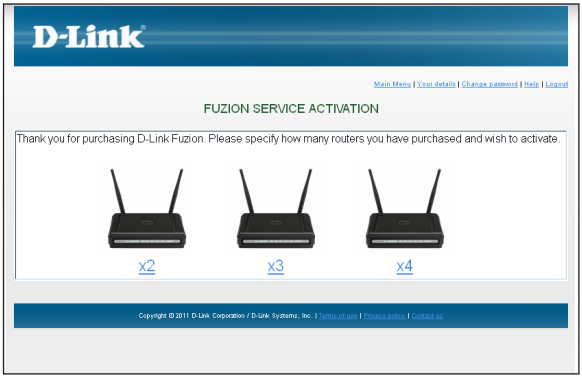
New Customer: If you don't have an existing Fuzion™ account, create one by clicking **Register**. Follow the on-screen instructions.

Existing Customer: If you already have a Fuzion™ account, click **Log In** and enter your User Name and Password.





Step 2: Once you successfully log in to your router, click **Add New Router** and select the number of routers to add.



Step 3: Enter the MAC address and PIN code for each of the routers you want to register. The MAC and PIN are located on the label on the bottom of the router. Once entered, click Verify router details.

Step 4: Configure/provision your routers with one of the following two options: Dynamic or Static/PPPoE. For Dynamic IP Addressing, refer to **Option 1** and for Static or PPPoE IP Addressing, refer to **Option 2**.

OPTION 1:
Deploying: WAN using Dynamic IP Addressing

If your ISP Modem/Gateway automatically assigns IP addresses (DHCP service), connect the Fuzion™ Router directly to the Modem/Gateway.

Step A: Insert one end of an Ethernet cable into the WAN port on DIR-605 rear panel.

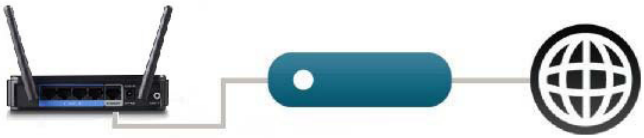
Step B: Insert the cable's other end into the LAN Port of your existing Modem/ Gateway with Internet connectivity.

Step C: Connect the power supply to the DIR-605. Once powered, the green Power LED will turn ON. Do not block the vents on the router to prevent overheating.

No additional configuration is required. Within a few minutes the Fuzion™ router will Auto-Provision and become ready to use.

Step D: Repeat Steps A to C to connect additional Fuzion™ routers. Two to four routers are supported. One Fuzion™ router is required for each line.

Step E: Skip to **Step 5 - Confirming Successful Provisioning** to continue.



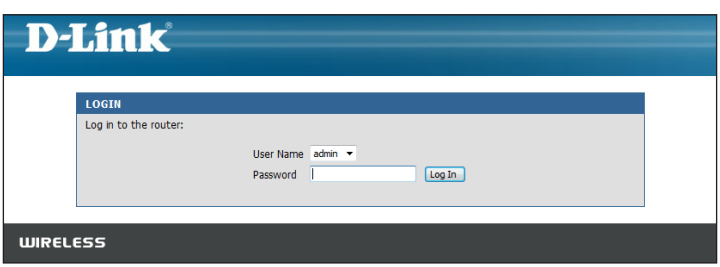
OPTION 2:
Deploying: WAN using Static IP Addressing or PPPoE

If your ISP Modem/Gateway requires Authentication or Static IP Addressing, follow these steps to properly configure your Fuzion™ Router:

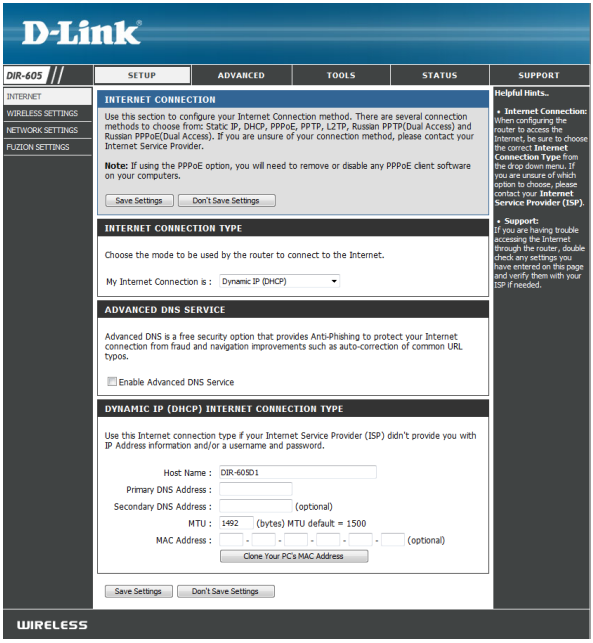
Step A: Connect any LAN port on the Fuzion™ Router directly to your computer using an Ethernet cable. Connect the power unit to the router. Do not block the vents on the router to prevent overheating.

Step B: Launch a web browser and type the IP address of the Fuzion™ Router (http://192.168.3.17)

Step C: Once you enter the IP address, the login screen will appear. Enter your username and password and then click **Log In**.



Step D: Once logged in, you will be able to change the Fuzion™ Router's WAN (Internet) Interface's configuration to match what your ISP has provided as the required connection specific setting.



Step E: Click **Save Settings** to activate your changes. No additional configuration is required. Within a few minutes the Fuzion™ Router will Auto Provision and become ready to use.

Step F: It is recommended to set the router's time settings before continuing. Click **Tools** and then click **Time** on the left side. Configure and then click **Save Settings**.

Step G: Repeat Steps A to F to connect additional Fuzion™ routers. Two to four routers are supported. One Fuzion™ router is required for each line.

Step H: Skip to **Step 5 - Confirming Successful Provisioning** to continue.

Confirming Successful Provisioning

Step 5: It may be necessary to reboot each broadband modem after provisioning each of the attached corresponding routers or after WAN/Internet cable connections are changed to allow the ISP connectivity to properly initialize. This is best done after the provisioning process has completed and the DIR-605 has rebooted a couple times as part of the provisioning phase.

You can verify a successful provisioning and broadband initialization of an individual router if the computer attached to the LAN port of the router is assigned by DHCP a Default Gateway of 192.168.3.250. If the Default Gateway is 192.168.3.17 then DIR-605 has not connected to Cloud portal and it will be necessary to reboot the corresponding modem.

Connecting to your Network

Step 6: Read the following information before you connect devices to your LAN.

- **Recommended:** For optimal operation, D-Link recommends to connect an Ethernet cable from one LAN port from each router to a common Ethernet switch. Other devices on your network can connect to the switch for local networking and Internet access. This method has the best fail over functionality since failure of any line or router will not affect Internet access by any connected devices once Fuzion™ fails over to a functional DIR-605 router.
- **Alternative:** You may connect an Ethernet cable directly between your router's LAN ports in a daisy chain fashion and use the remaining ports on any router as your LAN connections. The router LAN ports are auto-MDIX/auto-crossover. This method does not provide as much fail over protection since a router's failure will stop Internet connectivity to any devices connected to the LAN ports on the failed router. Be sure not to create a ring by connecting the last router to the first.
- By default, the LAN DHCP will use the network addressing: 192.168.3.x : 255.255.255.0
- See the DIR-605 Fuzion™ router and Fuzion™ Cloud Service User Manuals for more information.

Notes

Notes

Technical Support

U.S. customers can contact D-Link Technical Support through our website or by phone.

United States

Telephone

877.354.6555

World Wide Web

http://www.dlink.com

For the latest user documentation and warranty information, please visit www.dlink.com.

D-Link®

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