

## Actiontec Q1000

# Actiontec Q1000 Wireless N VDSL Modem Router

## User Manual

### 1. INTRODUCTION

The Actiontec Q1000 is a high-performance Wireless N VDSL Modem Router designed to provide reliable internet connectivity for your home or small office. It combines a VDSL2 modem and a full-featured 802.11n wireless router into a single device, offering fast internet access and a secure wireless network. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Q1000 modem router.

### 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Actiontec Q1000 Wireless N VDSL Modem Router
- Power Adapter
- Ethernet Cable (RJ-45)
- DSL Cable (RJ-11)
- Quick Start Guide (if included)

### 3. PHYSICAL OVERVIEW

Familiarize yourself with the ports, buttons, and indicator lights on your Actiontec Q1000 modem router:

- **DSL Port:** Connects to your VDSL line from the wall jack.
- **Ethernet LAN Ports (x4):** Connects to computers, gaming consoles, or other network devices via Ethernet cables.
- **Power Port:** Connects to the included power adapter.
- **Reset Button:** Used to restore factory default settings (press and hold for 10 seconds).
- **WPS Button:** For easy wireless connection setup with WPS-enabled devices.
- **LED Indicators:** Lights on the front panel indicate the status of power, DSL connection, Internet activity, wireless network, and Ethernet port activity.

### 4. SETUP

## 4.1 Hardware Connection

1. Connect one end of the DSL cable to the DSL port on the Q1000 and the other end to your wall DSL jack.
2. Connect one end of the Ethernet cable to any LAN port on the Q1000 and the other end to your computer's Ethernet port.
3. Connect the power adapter to the Power port on the Q1000 and plug the other end into a power outlet.
4. Wait for the Power, DSL, and Internet LEDs to turn solid green, indicating a successful connection.

## 4.2 Initial Configuration (Web Interface)

To configure your modem router, access its web-based management interface:

1. Open a web browser on your connected computer.
2. In the address bar, type **http://192.168.0.1/** and press Enter.
3. You may be prompted for a username and password. Refer to the label on the bottom of your device for default credentials.
4. Once logged in, you will see the modem's configuration page, similar to the image below.

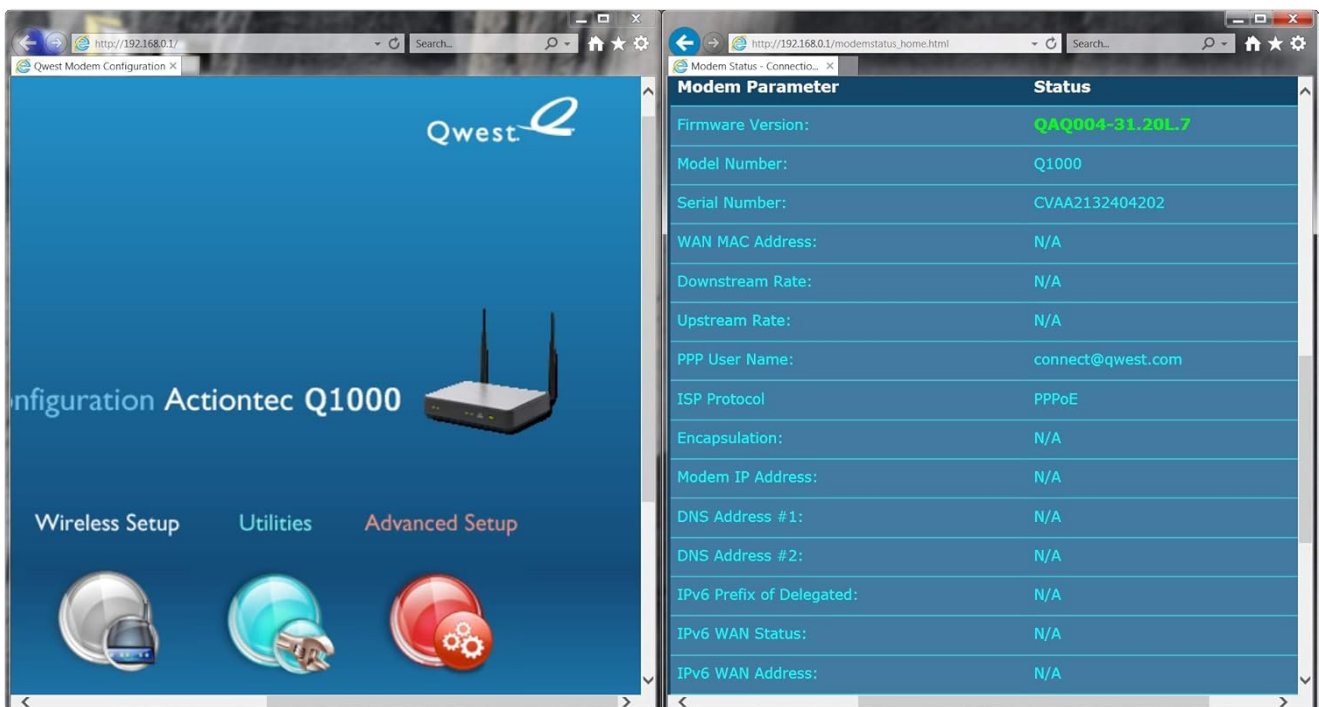


Figure 1: Actiontec Q1000 Web Interface. The left panel shows the main configuration options (Wireless Setup, Utilities, Advanced Setup), while the right panel displays modem parameters and status, including Firmware Version, Model Number (Q1000), Serial Number, and connection details.

Follow the on-screen wizard or navigate to the appropriate sections to enter your ISP details (e.g., PPP User Name, ISP Protocol) and configure your wireless network (SSID, password, security type).

## 5. OPERATING

### 5.1 Wireless Network Configuration

To customize your Wi-Fi settings:

- Log in to the web interface (**http://192.168.0.1/**).
- Navigate to the **Wireless Setup** section.
- Change the Network Name (SSID) and Wireless Password (WPA/WPA2-PSK recommended).

- Save your changes. Your wireless devices will need to reconnect using the new password.

## 5.2 Advanced Settings

The **Advanced Setup** section allows configuration of features such as Port Forwarding, Firewall rules, DNS settings, and DHCP server options. Consult the detailed online manual or your ISP for specific advanced configurations.

## 6. MAINTENANCE

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### 6.1 Firmware Updates

Periodically check the Actiontec support website for firmware updates. Firmware updates can improve performance, add new features, and fix bugs. Follow the instructions provided with the firmware download carefully to avoid damaging the device.

### 6.2 Factory Reset

If you encounter persistent issues or forget your login credentials, you can perform a factory reset:

- With the modem router powered on, locate the small **Reset** button on the back or bottom of the device.
- Use a paperclip or a similar pointed object to press and hold the button for approximately 10 seconds.
- Release the button when the LEDs flash or the device reboots.
- The modem router will revert to its original factory settings, and you will need to reconfigure it.

## 7. TROUBLESHOOTING

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Here are solutions to common issues you might encounter:

- **No Internet Connection:**
  - Check all cable connections (DSL, Ethernet, Power).
  - Verify that the DSL and Internet LEDs are solid green. If not, contact your ISP.
  - Ensure your ISP credentials are correctly entered in the modem's web interface.
  - Restart the modem router by unplugging the power adapter for 30 seconds and then plugging it back in.
- **Slow Internet Speed:**
  - Ensure your modem router is placed in a central location, away from obstructions and interference sources (e.g., cordless phones, microwaves).
  - Check if multiple devices are heavily using the network.
  - Perform a speed test and compare with your subscribed speed. If significantly lower, contact your ISP.
- **Cannot Access Web Interface:**
  - Ensure your computer is connected to the modem router via Ethernet or Wi-Fi.
  - Verify that your computer's IP settings are set to obtain an IP address automatically (DHCP).
  - Try a different web browser.
  - Perform a factory reset if you suspect incorrect network settings or forgotten credentials.

## 8. SPECIFICATIONS

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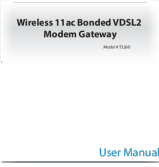
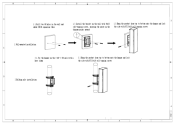

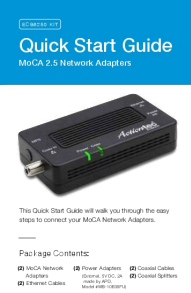

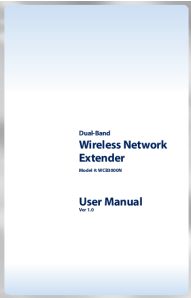
| Feature                         | Detail                 |
|---------------------------------|------------------------|
| Model Name                      | Q1000                  |
| Brand                           | Actiontec              |
| Connectivity Technology         | Wireless               |
| Wireless Communication Standard | 802.11bgn              |
| Frequency Band Class            | Single-Band            |
| Security Protocol               | WEP, WPA-PSK           |
| Special Feature                 | WPS                    |
| Compatible Devices              | Personal Computer      |
| Recommended Uses For Product    | Home                   |
| Item Weight                     | 1.2 pounds             |
| Package Dimensions              | 8.6 x 8.4 x 2.1 inches |
| Item Model Number               | 789286807625           |
| Date First Available            | August 8, 2011         |
| Manufacturer                    | ACTIONTEC              |

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Actiontec website. Keep your purchase receipt for warranty claims.

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### Related Documents - Q1000

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|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><a href="#">Actiontec T3260 Wireless 11ac Bonded VDSL2 Modem Gateway User Manual</a></p> <p>Comprehensive user manual for the Actiontec T3260 Wireless 11ac Bonded VDSL2 Modem Gateway, covering setup, configuration, features, and troubleshooting.</p>                                         |
|    | <p><a href="#">Actiontec EasyMesh Wi-Fi Router Quick Start and Installation Guide</a></p> <p>Comprehensive guide for setting up and installing your Actiontec EasyMesh Wi-Fi Router, including wall and pole mounting instructions and a step-by-step walkthrough of the Quick Setup Wizard.</p>     |
|    | <p><a href="#">MyWirelessTV 2: Quick Start Guide for Wireless HD Video</a></p> <p>A concise guide to setting up the Actiontec MyWirelessTV 2 kit for wireless HD video transmission, including transmitter and receiver setup, and optional IR control.</p>                                          |
|  | <p><a href="#">Quick Start Guide for Actiontec MoCA 2.5 Network Adapters</a></p> <p>This guide provides step-by-step instructions for setting up Actiontec MoCA 2.5 Network Adapters to extend your home network using coaxial cabling.</p>                                                          |
|  | <p><a href="#">Actiontec ECB7250A MoCA 2.5 Extender Quick Start Guide</a></p> <p>A quick start guide for the Actiontec ECB7250A MoCA 2.5 Extender, detailing connection steps for devices and modems/routers.</p>                                                                                    |
|  | <p><a href="#">WCB3000N Dual-Band Wireless Network Extender User Manual</a></p> <p>User manual for the WCB3000N Dual-Band Wireless Network Extender by Actiontec, detailing features, setup, configuration, and specifications. Supports dual concurrent radios for 2.4 GHz and 5 GHz operation.</p> |

