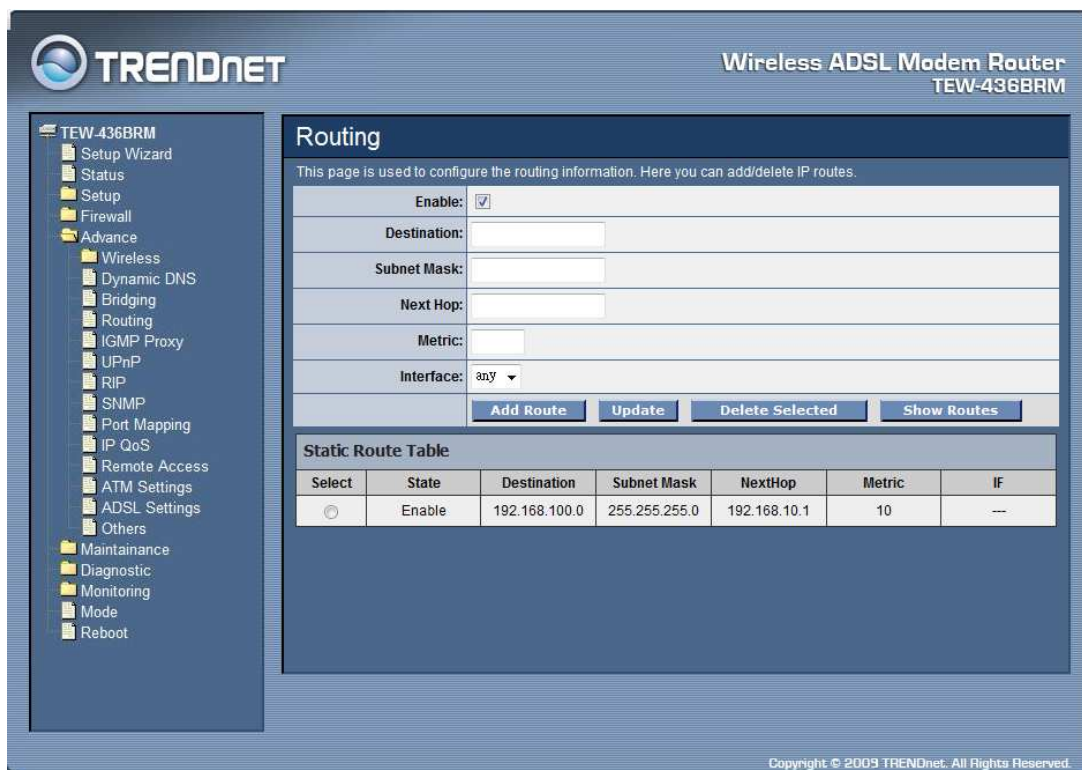## Routing

The Routing page enables you to define specific route for your Internet and network data. Most users do not need to define routes. On a typical small home or office LAN, the existing routes that set up the default gateways for your LAN hosts and for the WLAN ADSL Router provide the most appropriate path for all your Internet traffic.

- On your LAN hosts, a default gateway directs all Internet traffic to the LAN port(s) on the WLAN ADSL Router. Your LAN hosts know their default gateway either because you assigned it to them when you modified your TCP/IP properties, or because you configured them to receive the information dynamically from a server whenever they access the Internet.

- On the WLAN ADSL Router itself, a default gateway is defined to direct all outbound Internet traffic to a route at your ISP. The default gateway is assigned either automatically by your ISP whenever the device negotiates an Internet access, or manually by user to setup through the configuration.

You may need to define routes if your home setup includes two or more networks or subnets, if you connect to two or more ISP services, or if you connect to a remote corporate LAN.

Enable: Checked to enable the selected route or route to be added.

Destination: The network IP address of the subnet. The destination can be specified as the IP address of a subnet or a specific host in the subnet. It can also be

specified as all zeros to indicate that this route should be used for all destinations for which no other route is defined (this is the route that creates the default gateway).

Subnet Mask: The network mask of the destination subnet. The default gateway uses a mask of 0.0.0.0.

Next Hop: The IP address of the next hop through which traffic will flow towards the destination subnet.
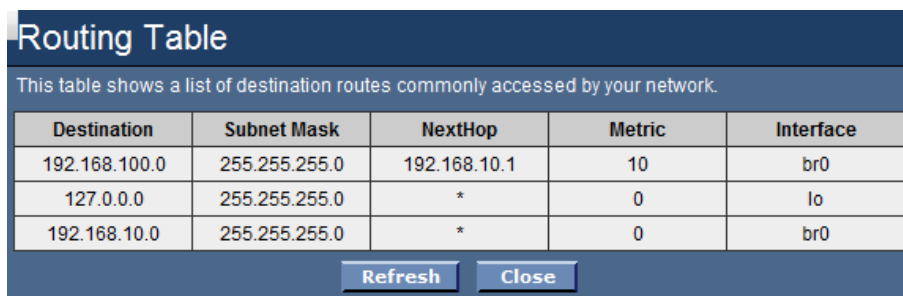
Metric: Defines the number of hops between network nodes that data packets travel. The default value is 0, which means that the subnet is directly one hop away on the local LAN network.

Interface: The WAN interface to which a static routing subnet is to be applied.

Add Router: Click the "Add Router" button to add a user-defined destination route.

Update: Click the "Update" button to modify the selected rule form the Static Route Table.

**Show Routes:** Click the "Show Routes" to display the routing table of the WLAN ADSL Router.

Routing Table

This table shows a list of destination routes commonly accessed by your network.

Destination	Subnet Mask	NextHop	Metric	Interface
192.168.100.0	255.255.255.0	192.168.10.1	10	br0
127.0.0.0	255.255.255.0	*	0	lo
192.168.10.0	255.255.255.0	*	0	br0

Refresh   Close

IGMP Proxy

IGMP proxy enables the system to issue IGMP host messages on behalf of hosts that the system discovered through standard IGMP interfaces.

The system acts as a proxy for its hosts when you enable it by doing the follows:

- Enable IGMP proxy on WAN interface (upstream), which connects to a router running IGMP.

- Enable IGMP on LAN interface (downstream), which connects to its hosts.
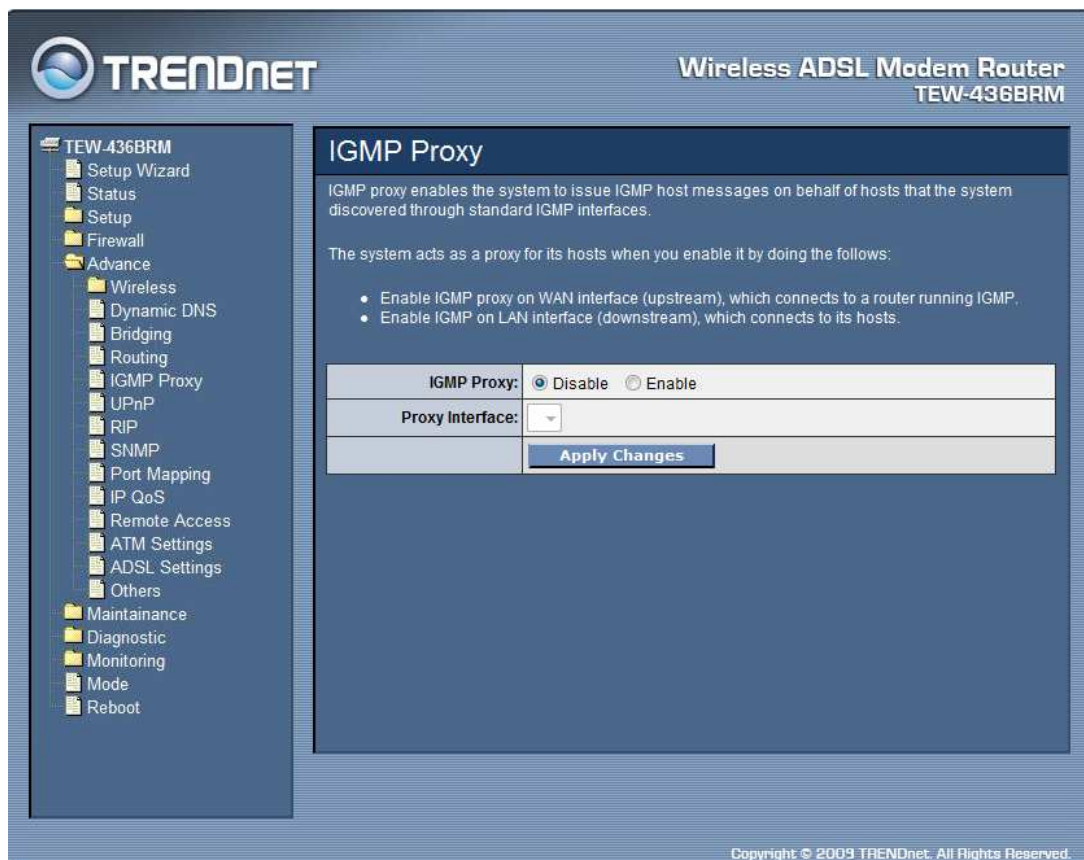
IGMP Proxy: Select to enable or disable the IGMP proxy feature on the WLAN ADSL Router.

Proxy Interface: The upstream WAN interface is selected here.

UPnP

The WLAN ADSL Router supports a control point for Universal Plug and Play (UPnP) version 1.0, and supports two key features: NAT Traversal and Device Identification. This feature requires one active WAN interface. In addition, the host should support this feature. In the presence of multiple WAN interfaces, select an interface on which the incoming traffic is present. With NAT Traversal, when an UPnP command is received to open ports in NAT, the application translates the request into system commands to open the ports in NAT and the firewall. The interface to open the ports on is given to UPnP when it starts up and is part of the

configuration of the application. For Device Identification, the application will send a description of the WLAN ADSL Router as a control point back to the host making the request.
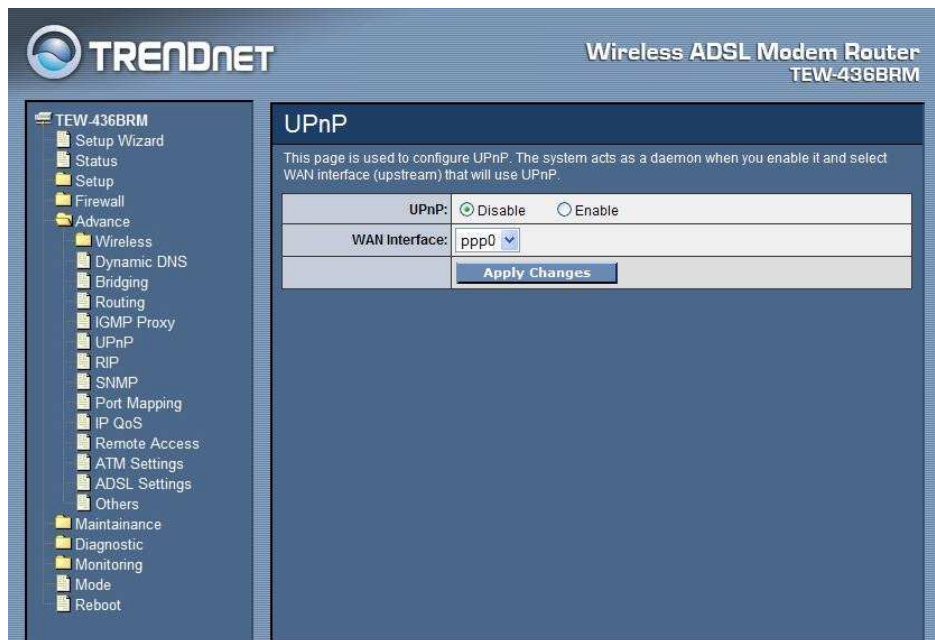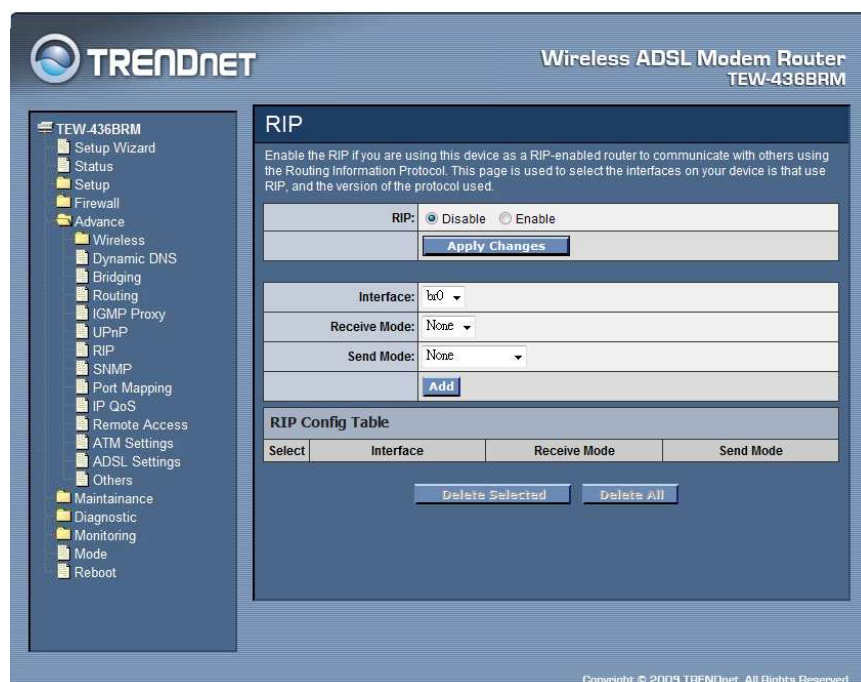

UPnP: Select to enable or disable the UPnP feature on the WLAN ADSL Router.

WAN Interface: Select WAN interface that will use UPnP from the drop-down lists.

RIP

Enable the RIP if you are using this device as a RIP-enabled router to communicate with others using the Routing Information Protocol. This page is used to select the interfaces on your device is that use RIP, and the version of the protocol used.

RIP: Select to enable or disable the RIP feature on the WLAN ADSL Router.

Receive Mode: Select which RIP version to be used for RIP listening, RIP1, RIP2 or Both (RIP1+RIP2), Selected None to disable the RIP listening.

Send Mode: Select which RIP version to be used for RIP sending, RIP1, RIP2 or Both (RIP1+RIP2), Selected None to disable the RIP sending.

Delete Selected: Click the "Delete Selected" button to delete the selected RIP config from RIP Config Table.

Delete All: Click the "Delete All" button to delete the all of rule in the RIP config from RIP Config Table.

SNMP

Simple Network Management Protocol (SNMP) is a troubleshooting and management protocol that uses the UDP protocol on port 161 to communicate between clients and servers. The DSL device can be managed locally or remotely by SNMP protocol.
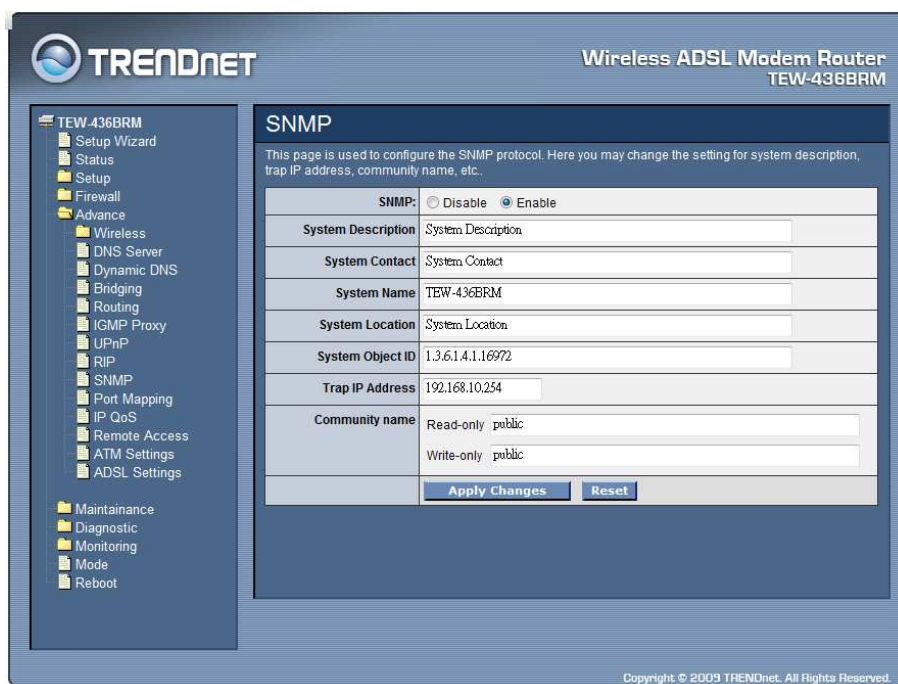
SNMP: Enable or Disable the SNMP feature on the WLAN ADSL Router.
System Description: System description of the WLAN ADSL Router.
System Contact: Contact person and/or contact information for the WLAN ADSL Router.
System Name: An administratively assigned name for the WLAN ADSL Router.

System Location: The physical location of the WLAN ADSL Router.

System Object ID: Vendor Object Identifier. The vendor's authoritative identification of the network management subsystem contained in the entity.

Trap IP Address: Destination IP address of the SNMP trap.

Community name:

Read-only: Name of the read-only community. This read-only community allows read operation to all objects in the MIB.

Write-only: Name of the write-only community. This write-only community allows write operation to the objects defines as read-writable in the MIB.

Port Mapping

The WLAN ADSL Router provides multiple interface groups. Up to five interface groups are supported including one default group. The LAN and WAN interfaces could be included. Traffic coming from one interface of a group can only be flowed to the interfaces in the same interface group. Thus, the WLAN ADSL Router can isolate traffic from group to group for some application. By default, all the interfaces (LAN and WAN) belong to the default group, and the other four groups are all empty. It is possible to assign any interface to any group but only one group.

Port Mapping: Select to enable or disable the interface group feature. If disabled, all interfaces belong to the default group.

Interface Group

To manipulate a mapping group:

1. Select a group from the table.
2. Select interfaces from the available/grouped interface list and add it to the grouped/available interface list using the arrow buttons to manipulate the required mapping of the ports.
3. Click "Apply Changes" button to save the changes.

IP QoS

The WLAN ADSL Router provides a control mechanism that can provide different priority to different users or data flows. The QoS is enforced by the QoS rules in the QoS table. A QoS rule contains two configuration blocks: Traffic Classification and Action. The Traffic Classification enables you to classify packets on the basis of various fields in the packet and perhaps the physical ingress port. The Action enables you to assign the strictly priority level for and mark some fields in the packet that matches the Traffic Classification rule. You can configure any or all field as needed in these two QoS blocks for a QoS rule.

IP QoS: Select to enable or disable the IP QoS function.

Default QoS: Select the QoS method IP Pred or 802.1p from list.

Source: The IP address, subnet mask and port number of the traffic source.

Destination: The IP address, subnet mask and port number of the traffic destination.

Protocol: The selections are TCP, UDP, ICMP and the blank for none. This field is required if the source port or destination port has been entered.

Physical Port: The incoming ports. The selections include LAN ports, wireless port, and the blank for not applicable.

Outbound Priority: The priority level for the traffic that matches this classification rule. The possible selections are (in the descending priority): p0, p1, p2, p3.

802.1p: Select this field to mark the 3-bit user-priority field in the 802.1p header of the packet that match this classification rule. Note that this 802.1p marking is workable on a given PVC channel only if the VLAN tag is enabled in this PVC channel.

Precedence: Select this field to mark the IP precedence bits in the packet that match this classification rule.

TOS: Select this field to mark the IP TOS bits in the packet that match this classification rule.

Add: Click to add the QoS rule to the UP QoS Rules.

Delete Selected: Click the "Delete Selected" button to delete the selected QoS rule from the IP QoS Rules.

Delete All: Click the "Delete All" button to delete the all of rule in the IP QoS Rules.

Remote Access

The Remote Access function can secure remote host access to your DSL device from LAN and WLAN interfaces for some services provided by the DSL device.


LAN: Checked the services on the LAN column to allows the services access from LAN side.

WAN: Checked the services on the WAN column to allows the services access from WAN side.

WAN Port: This field allows the user to specify the port of the corresponding service. Take the HTTP service for example; when it is changed to 8080, the HTTP server address for the WAN side is http://dsl_addr:8080, where the dsl_addr is the WAN side IP address of the WLAN ADSL Router.

ATM Settings

This page is used to configure the parameters for the ATM of your ADSL Router. Here you may change the setting for VPI, VCI, QoS etc.
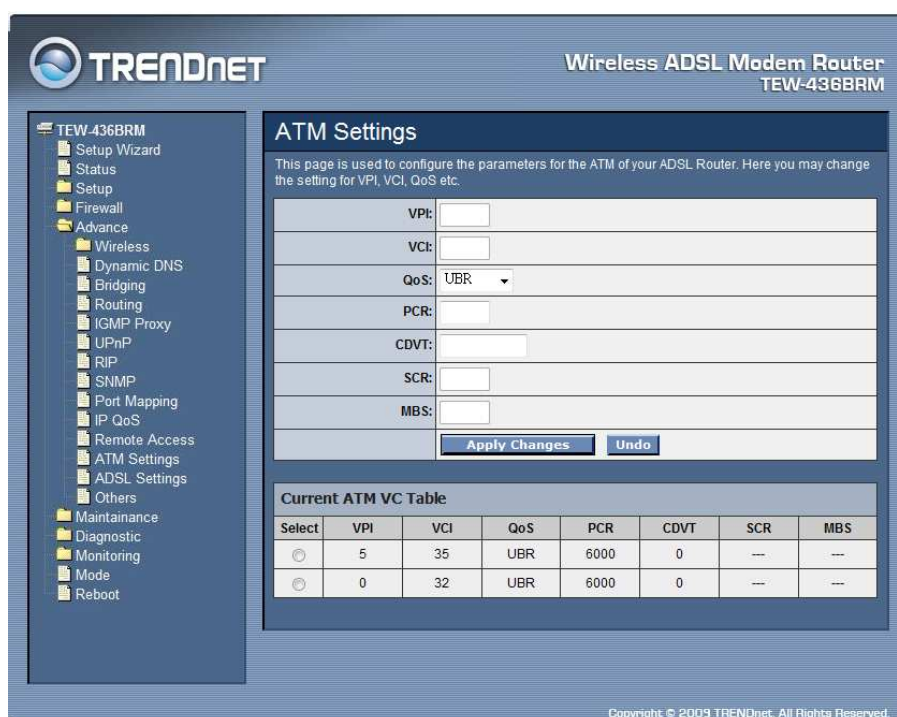
VPI: Virtual Path Identifier. This is read-only field and is selected on the Select column in the Current ATM VC Table.

VCI: Virtual Channel Identifier. This is read-only field and is selected on the Select column in the Current ATM VC Table. The VCI, together with VPI, is used to identify the next destination of a cell as it passes through to the ATM switch.

QoS: Quality of Server, a characteristic of data transmission that measures how accurately and how quickly a message or data is transferred from a source host to a destination host over a network. The four QoS options are:

- **UBR (Unspecified Bit Rate):** When UBR is selected, the SCR and MBS fields are disabled.

- **CBR (Constant Bit Rate):** When CBR is selected, the SCR and MBS fields are disabled.

- **nrt-VBR (non-real-time Variable Bit Rate):** When nrt-VBR is selected, the SCR and MBS fields are enabled.

- **rt-VBR (real-time Variable Bit Rate):** When rt-VBR is selected, the SCR and MBS fields are enabled.

PCR: Peak Cell Rate, measured in cells/sec., is the cell rate which the source may never exceed.

CDVT: Cell Delay Variation Tolerance, is a QoS parameter in ATM network for managing traffic that is specified when a connection is set up. In CBR transmissions, CDVT determines the level of jitter that is tolerable for the data samples taken by the PCR.

SCR: Sustained Cell Rate, measured in cells/sec., is the average cell rate over the duration of the connection.

MBS: Maximum Burst Size, a traffic parameter that specifies the maximum number of cells that can be transmitted at the peak cell rate.

Apply Changes: Click to set new PVC QoS mode for the selected PVC. New parameters will take effect after save into flash memory and reboot the system.

Undo: Discard your settings.

ADSL Settings

The ADSL setting page allows you to select any combination of DSL training modes.
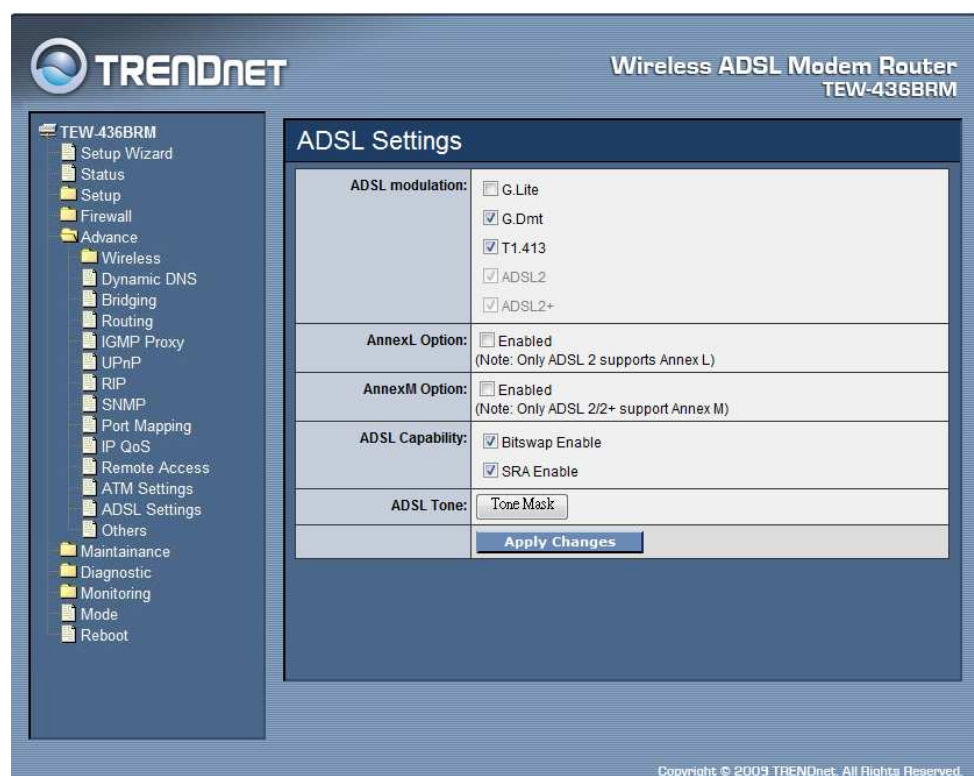
ADSL modulation: Choose preferred xDSL standard protocols, defined by ISP.

    G.lite: G.992.2 Annex A

    G.dmt: G.992.1 Annex A

    T1.413: T1.413 issue #2

    ADSL2: G.992.3 Annex A

    ADSL2+: G.992.5 Annex A

AnnexL Option: Checked to Enable the ADSL2/ADSL2+ Annex L capability.

AnnexM Option: Checked to Enable the ADSL2/ADSL2+ Annex M capability.

ADSL Capability: Checked to enable the bitswap capability or SRA capability.

ADSL Tone: Click the "ADSL Tone" button to choose tones to be masked. Masked tones will not carry any data.

Apply Changes: Click to save the setting to the configuration and the modem will be retrained.

Maintainance

Backup/Restore

This page allows you to backup current settings to a file or restore the settings from the file which was saved previously. Besides, you could reset the current configuration to factory default.
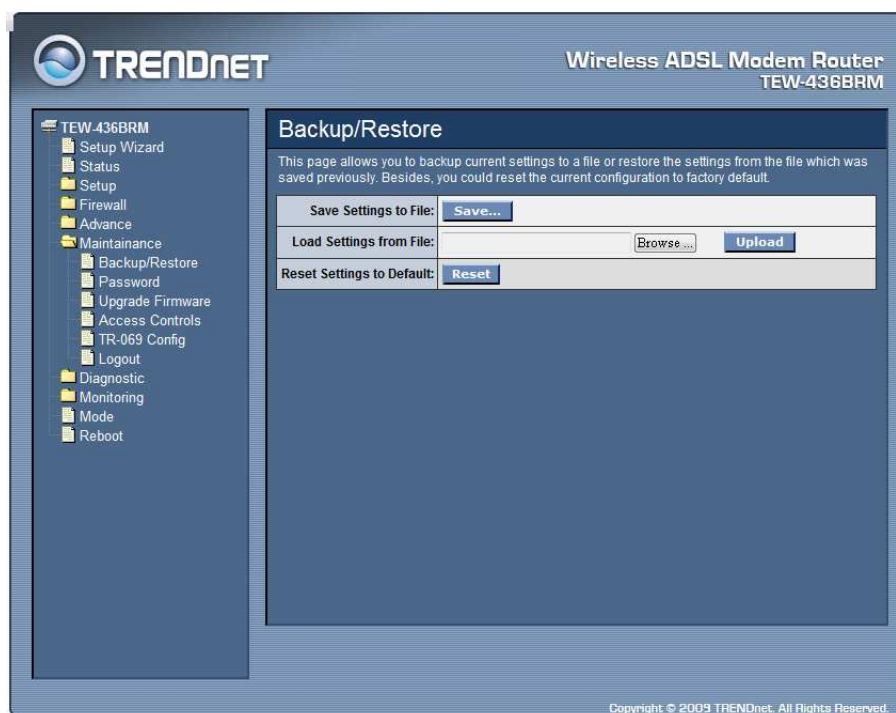

Save Setting to File: Click the "Save Setting to File" button to save current settings of the WLAN ADSL Router to local computer.

Load Setting from File: Click the "Browse" button and selected a saved setting file from file browse window then click "Upload" button to loading the saved setting to the WLAN ADSL Router.

Reset Settings to Default: Click the "Reset" button to reset the settings to factory default settings.

Password

The first time you log into the WLAN ADSL Router, you use the default password. There are two-level logins: *admin* and *user*. The admin and user password configuration allows you to change the password for administrator and user.
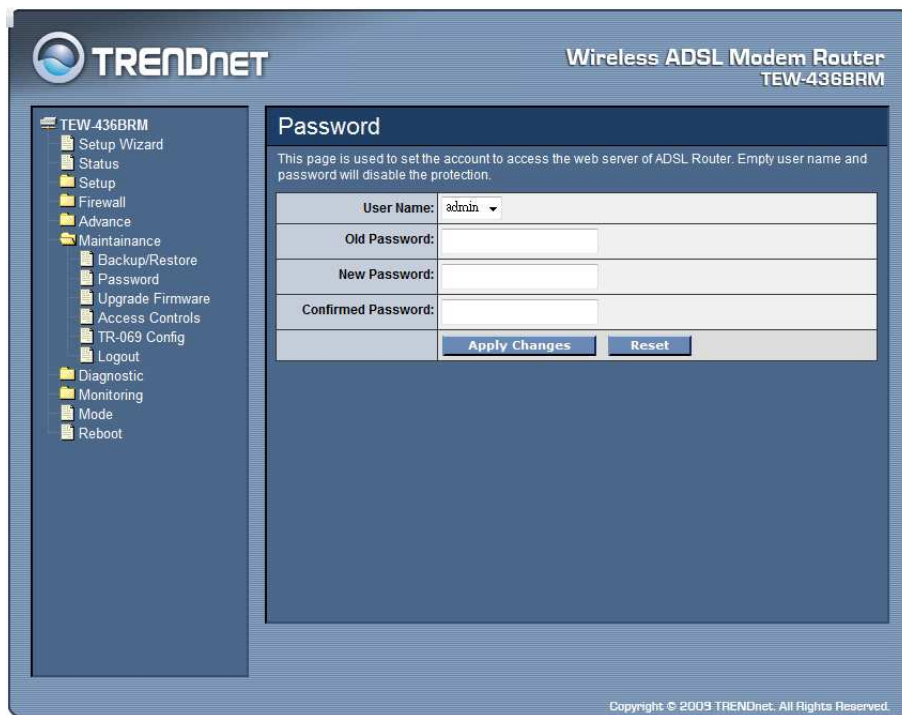
**User Name:** Selection of user levels are: admin and user.

Old Password: Enter the old password for this selected login.

New Password: Enter the new password here.

Confirmed Password: Enter the new password here again to confirm.

Upgrade Firmware

This page allows you to upgrade the WLAN ADSL Router firmware. Please note, do not power off the device during the upgrade process. It may crash the system.
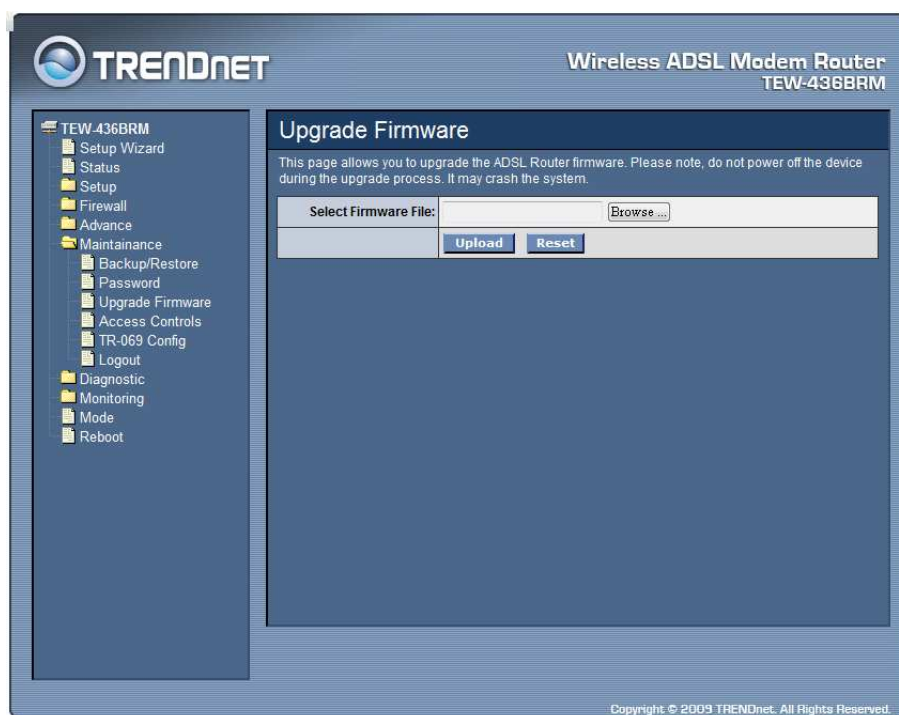
To upgrade the firmware for the DSL device:

● Click the Browse button to select the firmware file.

● Confirm your selection.

● Click the Upload button to start upgrading.

IMPORTANT! Do not turn off your DSL device or click the Reset button while this procedure is in progress.

Access Controls

The Access Control List (ACL) is a list of permissions attached to the WLAN ADSL Router. The list specifies who is allowed to access this device. If ACL is enabled, all hosts cannot access this device except for the hosts with IP address in the ACL table.

ACL Capability: Enable or Disable the SNMP feature on the WLAN ADSL Router.

Enable: Checked to enable the selected route or route to be added.

Interface: Select the interface domain: LAN or WAN.

IP Address: Enter the IP address that allow access to this device.

Subnet Mask: Type the subnet mask in the text box.

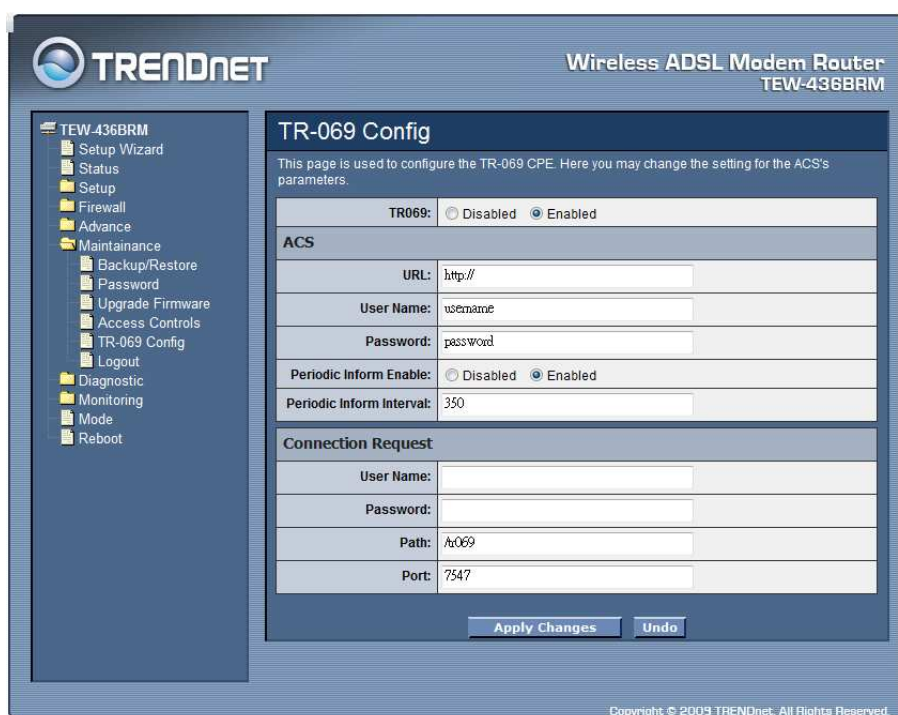**Add:** Click to add the ACL rule to the ACL table.

Modify: Click the "Modify" button to modify the selected rule form the ACL Table.

Delete Selected: Click the "Delete Selected" button to delete the selected rule from ACL Table.

Delete All: Click the "Delete All" button to delete the all of rule in the ACL Table.

TR-069 Config

TR-069 is a protocol for communication between a CPE and Auto-Configuration Server (ACS). The CPE TR-069 configuration should be well defined to be able to communicate with the remote ACS.

TR069: Enable or Disable the TR-069 feature on the WLAN ADSL Router.

ACS

URL: Enter the ACS URL here.

User Name: The username the WLAN ADSL Router should use when connecting to the ACS.

Password: The password the WLAN ADSL Router should use when connecting to the ACS.

Periodic Inform Enable: When this field is enabled, the WLAN ADSL Router will send an Inform RPC to the ACS server at the system startup, and will continue to send it periodically at an interval defined in Periodic Inform Interval field; When this field is disabled, the WLAN ADSL Router will only send Inform RPC to the ACS server once at the system startup.

Periodic Inform Interval: Time interval in second to send Inform RPC.

Connection Request

**User Name:** The username the remote ACS should use when connecting to this device.

Password: The password the remote ACS should use when connecting to this device.

Path: The path of the device ConnectionRequestURL. The device ConnectionRequestURL should be configured based on the Device_IP, Path and Port as follows: http://Device_IP:Port/Path.

**Port:** The port of the device ConnectionRequestURL.

Logout

This page is used to logout from ADSL gateway.
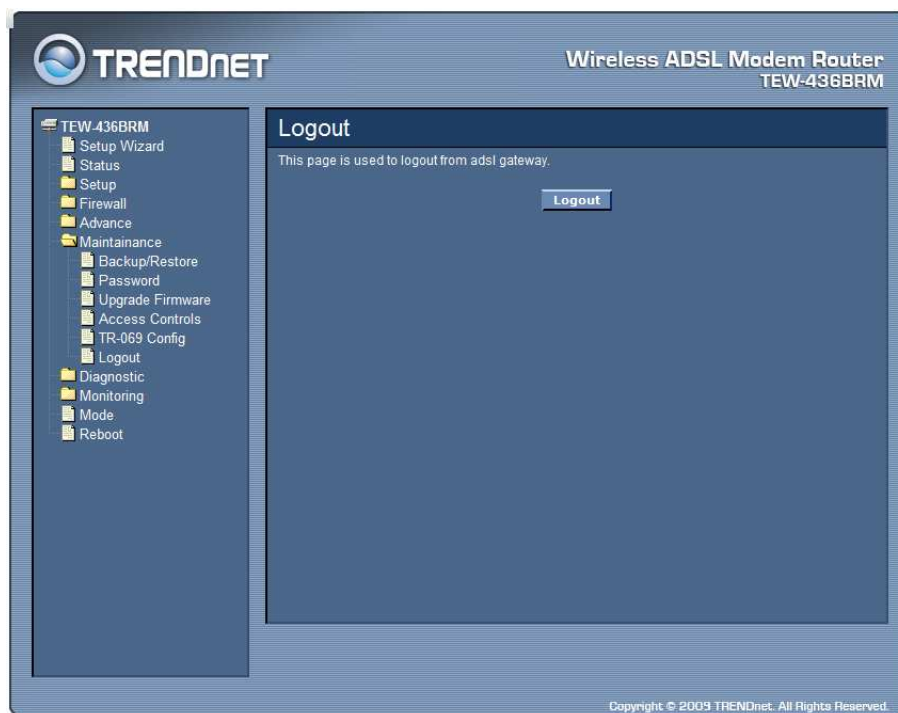
Click the "Logout" button to logout from the WLAN ADSL Router.

Diagnostic

Ping

Once you have your WLAN ADSL Router configured, it is a good idea to make sure you can ping the network. A ping command sends a message to the host you specify. If the host receives the message, it sends messages in reply. To use it, you must know the IP address of the host you are trying to communicate with and enter the IP address in the Host Address field. Click "Go" button to start the ping command, the ping result will then be shown in this page.
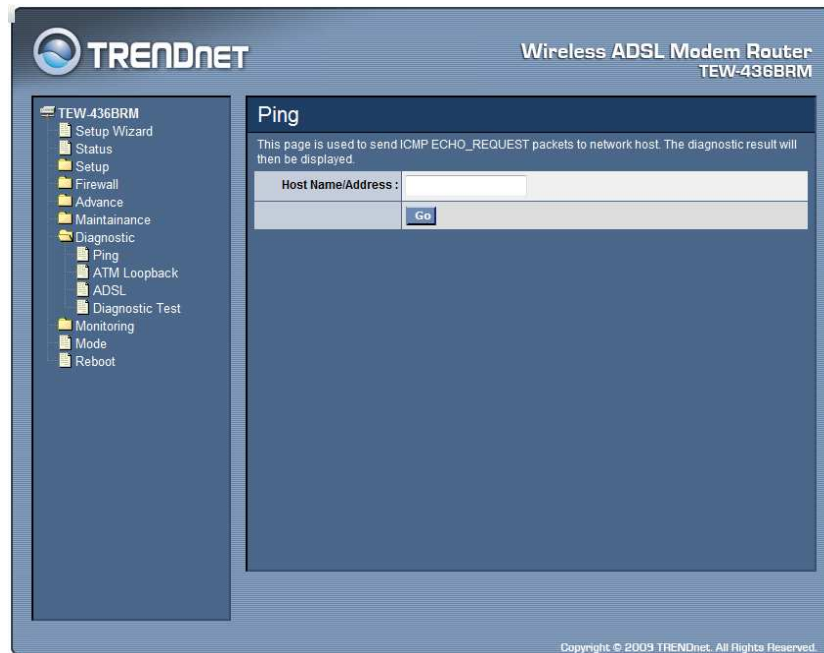
Go: Click "Go" button to start the ping command, the ping result will then be shown in this page.
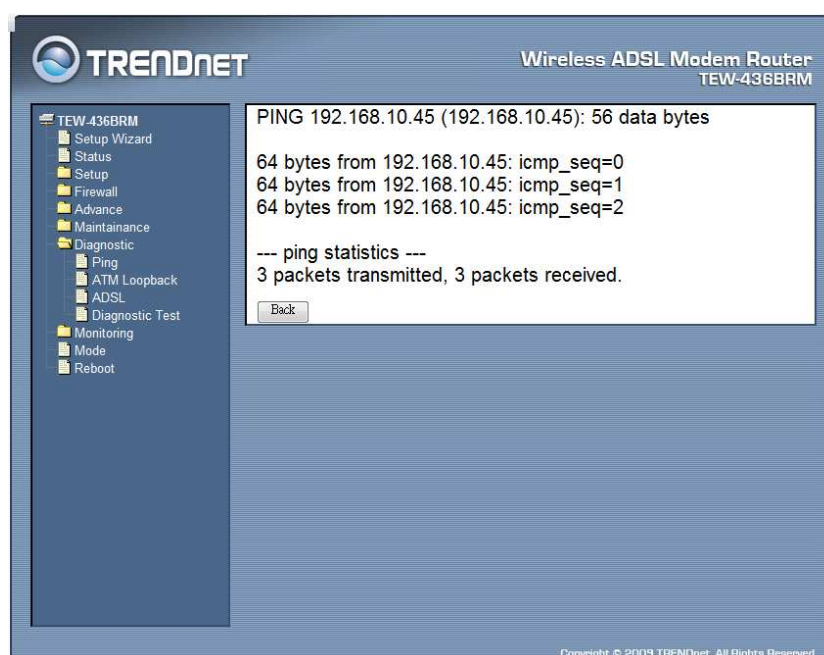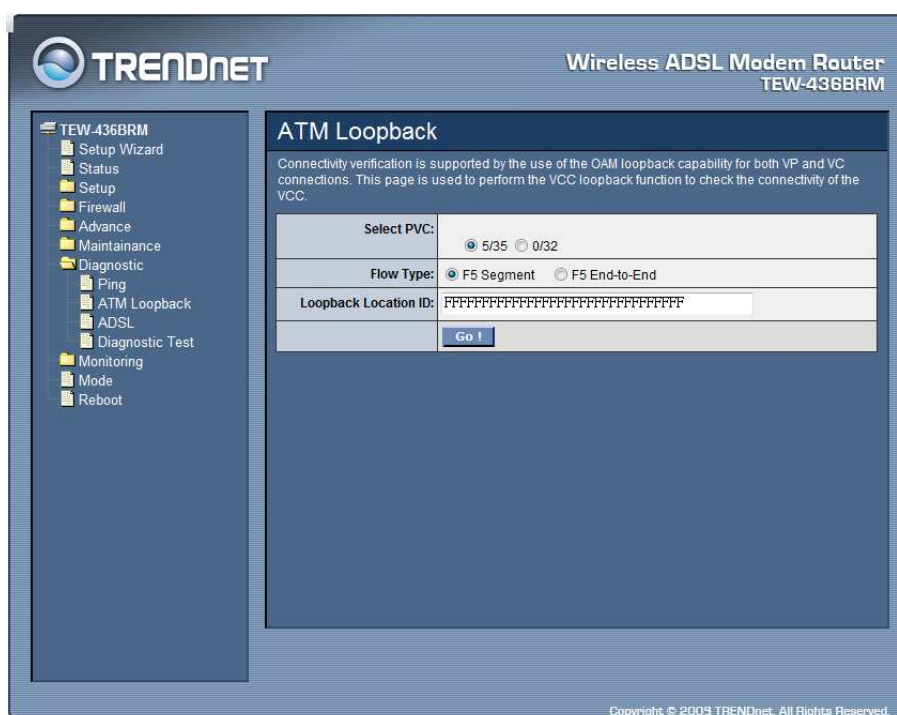
ATM Loopback

In order to isolate the ATM interface problems, you can use ATM OAM loopback cells to verify connectivity between VP/VC endpoints, as well as segment endpoints within the VP/VC. ATM uses F4 and F5 cell flows as follows:

- **F4:** used in VPs.
- **F5:** used in VCs.

An ATM connection consists of a group of points. This OAM implementation provides management for the following points:

- **Connection endpoint:** the end of a VP/VC connection where the ATM cell are terminated.
- **Segment endpoint:** the end of a connection segment.

This page allows you to use ATM ping, which generates F5 segment and end-to-end loop-back cells to test the reach ability of a segment endpoint or a connection endpoint.

Select PVC: Select the PVC channel you want to do the loop-back diagnostic.

Flow Type: The ATM OAM flow type. The selection can be F5 Segment or F5 End-to-End.

Loopback Location ID: The loop-back location ID field of the loop-back cell. The default value is all 1s (ones) to indicate the endpoint of the segment or connection.

ADSL

This page shows the ADSL diagnostic result. Click "Start" button to start the ADSL diagnostic.

Diagnostic Test

The Diagnostic Test page shows the test results for the connectivity of the physical layer and protocol layer for both LAN and WAN sides.

Select Internet Connection: The available WAN side interfaces are listed. You have to select one for the WAN side diagnostic.

Run Diagnostic Test: Click the "Run Diagnostic Test" button to start the diagnostic test.

Monitoring

DHCP Clients

This table shows the assigned IP address, MAC address and time expired for each DHCP leased client.

Routing Table

This table shows a list of destination routes commonly accessed by your network.

ARP Table

This table shows a list of learned MAC addresses.

Bridge FDB Table

This table shows a list of learned MAC addresses for this bridge.

Interface Statistics

This page shows the packet statistics for transmission and reception regarding to network interface.

ADSL Statistics

This page shows the packet statistics for transmission and reception regarding to the ADSL.

Mode

This page explains configuration and operation when in "Router" or "Modem" mode.
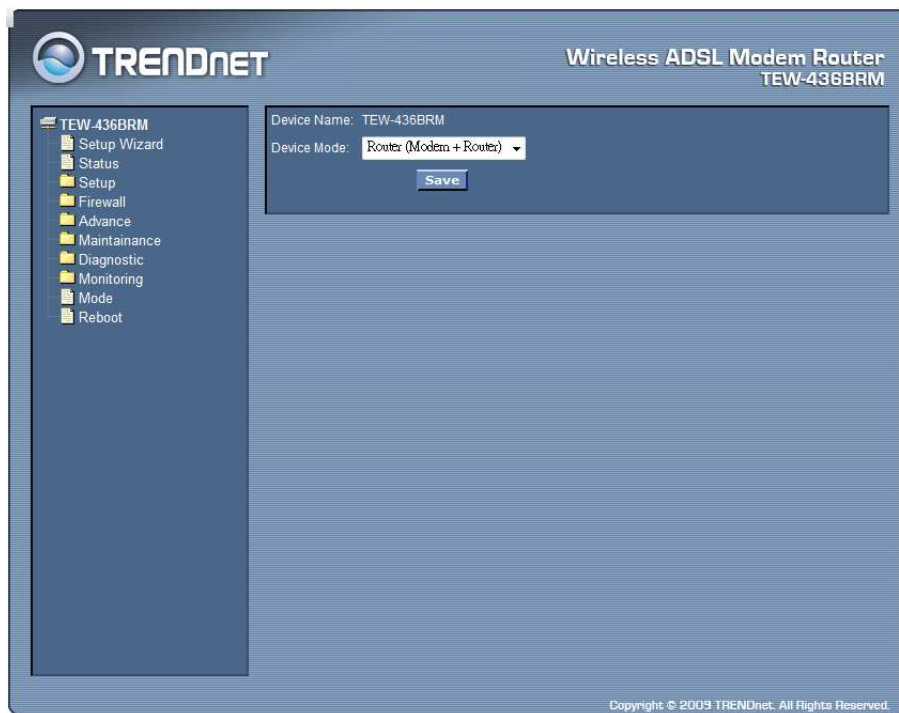
Device Mode: There are two modes available on the Mode screen.

- **Router:** Both the ADSL Modem and the Router features are operational. In this mode, this device can provide shared Internet Access to all your LAN users. Also, by default, it acts a DHCP Server, providing an IP address and related information to all Wireless and LAN users.

- **Modem:** Only the ADSL Modem component is operational. All Router features are disabled. This device is "transparent" - it does not perform any operations or make any changes to the network traffic passing through it. You need to have a DHCP Server on your LAN to provide IP addresses to the Wireless clients using this Access Point.

Reboot

Click "Commit and Reboot" button to apply setting changes and to reboot the WLAN ADSL Router.
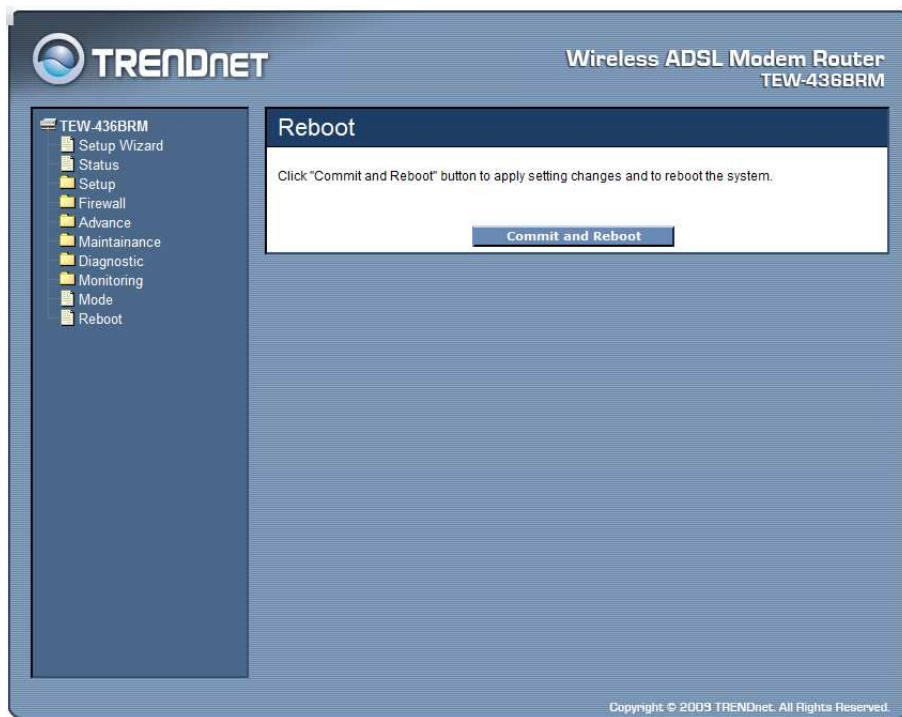
TECHNICAL SPECIFICATIONS

General	
Standards	Compliant with ADSL standards: ANSI T1.413 Issue2, G.992.1 (G.dmt, Annex A), G.992.2 (G.lite) Compliant with ADSL2 standard: G.992.3 (G.dmt.bis) Compliant with ADSL2+ standard: G.992.5 Annex A IEEE 802.11b & 802.11g Wireless LAN IEEE 802.3u 10/100Base TX Fast Ethernet

Protocol	WLAN:
	   CSMA/CA
	ATM & PPP:
	   VC and LLC Multiplexing, Bridged/Routed Ethernet over ATM (RFC1483/2684), Classical IP over ATM(RFC-1577), OAM F4/F5 loop-back, PPP over ATM (RFC2364), PPP over Ethernet (RFC2516), ATM TrafficShaping QoS(UBR, CBR, rt-VBR, nrt-VBR)
	LAN/WAN Network:
	   TCP/IP, NAT, HTTP, DHCP Server/Relay/Client, DDNS, DNS Proxy

Radio Technology	DSSS/OFDM
Data Transfer Rate	802.11g mode: up to 54Mbps (auto sense) 802.11b mode: up to 11Mbps (auto sense) Ethernet: 10Mbps (half duplex), 20Mbps (full-duplex) Fast Ethernet: 100Mbps (half duplex), 200Mbps (full- duplex)
Receiver Sensitivity	802.11g: -65dBm typical @ 54Mbps 802.11b: -80dBm typical @ 11Mbps
TX Power (Average power)	802.11g: 14dBm typical 802.11b: 14.5dBm typical
Network Cables	10BASE-T: 2-pair UTP Cat. 3,4,5 (100 m), EIA/TIA- 568 100-ohm STP (100 m) 100BASE-TX: 2-pair UTP Cat. 5 (100 m), EIA/TIA-568 100-ohm STP (100 m)
Frequency Range	2412 ~ 2484 MHz ISM band
Modulation Schemes	DBPSK/DQPSK/CCK/OFDM
Security	64/128-bits WEP Encryption; WPA, WPA-PSK, WPA2, WPA2-PSK, WPS
Management	Web based Configuration, Command Line Interface (CLI) via Telnet, TR-069 Remote Management, SNMP Support
Channels	1~11 Channels (FCC) 1~13 Channels (ETSI)
Number of Ports	LAN: 4 x 10/100Mbps Auto-MDIX Fast Ethernet port WAN: 1 x RJ11Port

Physical and Environmental	
DC inputs	12VDC 1A
Power Consumption	6.5watts (max)
Temperature	Operating: 0°C ~ 40° C, Storage: -10° ~ 70° C
Humidity	Operating: 10% ~ 90%, Storage: 5% ~ 90%
Dimensions	195 x 120 x 30mm
EMI:	FCC part 15, FCC part 68, CE

LIMITED WARRANTY

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

TEW-436BRM – 3 Years Warranty

AC/DC Power Adapter, Cooling Fan, and Power Supply carry 1 year warranty.

If a product does not operate as warranted during the applicable warranty period, TRENDnet shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of TRENDnet. Replacement products may be new or reconditioned. TRENDnet does not issue refunds or credit. Please contact the point-of-purchase for their return policies.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product by any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet within the applicable warranty period and providing a copy of the dated proof of the purchase. Upon proper submission of required documentation a Return Material Authorization (RMA) number will be issued. An RMA number is required in order to initiate warranty service support for all TRENDnet products. Products that are sent to TRENDnet for RMA service must have the RMA number marked on the outside of return packages and sent to TRENDnet prepaid, insured and packaged appropriately for safe shipment. Customers shipping from outside of the USA and Canada are responsible for return shipping fees. Customers shipping from outside of the USA are responsible for custom charges, including but not limited to, duty, tax, and other fees.

WARRANTIES EXCLUSIVE: IF THE TRENDNET PRODUCT DOES NOT OPERATE AS WARRANTED ABOVE, THE CUSTOMER'S SOLE REMEDY SHALL BE, AT TRENDNET'S OPTION, REPAIR OR REPLACE. THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TRENDNET NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE, INSTALLATION MAINTENANCE OR USE OF TRENDNET'S PRODUCTS.

TRENDNET SHALL NOT BE LIABLE UNDER THIS WARRANTY IF ITS TESTING AND EXAMINATION DISCLOSE THAT THE ALLEGED DEFECT IN THE PRODUCT DOES NOT EXIST OR WAS CAUSED BY CUSTOMER'S OR ANY THIRD PERSON'S MISUSE, NEGLECT, IMPROPER INSTALLATION OR TESTING, UNAUTHORIZED ATTEMPTS TO REPAIR OR MODIFY, OR ANY OTHER CAUSE BEYOND THE RANGE OF THE INTENDED USE, OR BY ACCIDENT, FIRE, LIGHTNING, OR OTHER HAZARD.

LIMITATION OF LIABILITY: TO THE FULL EXTENT ALLOWED BY LAW TRENDNET ALSO EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATE, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID,

AT TRENDNET'S OPTION. THIS DISCLAIMER OF LIABILITY FOR DAMAGES WILL NOT BE AFFECTED IF ANY REMEDY PROVIDED HEREIN SHALL FAIL OF ITS ESSENTIAL PURPOSE.

Governing Law: This Limited Warranty shall be governed by the laws of the state of California.

Some TRENDnet products include software code written by third party developers. These codes are subject to the GNU General Public License ("GPL") or GNU Lesser General Public License ("LGPL").

Go to http://www.trendnet.com/gpl or http://www.trendnet.com Download section and look for the desired TRENDnet product to access to the GPL Code or LGPL Code. These codes are distributed WITHOUT WARRANTY and are subject to the copyrights of the developers. TRENDnet does not provide technical support for these codes. Please go to http://www.gnu.org/licenses/gpl.txt or http://www.gnu.org/licenses/lgpl.txt for specific terms of each license.

TRENDNET®

Product Warranty Registration

Please take a moment to register your product online.
Go to TRENDnet's website at http://www.trendnet.com/register