



Power LED

System LED
always blinking
to indicate the
status of the

ADSL LED always
blinking to
indicate Internet

WLAN LED always
blinking to
indicate Internet
activity when

Refers to the
Ethernet port
plugged into the
modem

Type 192.168.1.1 in the address bar. In order to be authenticated. Enter for the username: admin password : admin

TP-LINK 54M Wireless ADSL2+ Router

54M
Wireless ADSL2+ Router
Model No.: TD-W8910G

- + Device Info
- + Quick Setup
- Advanced Setup
 - + WAN
 - + LAN
 - + MAC Clone
 - + NAT
 - + Security
 - + Routing
 - + DNS
 - + DSL
 - + Port Mapping
- + Wireless
- + Diagnostics
- + Management

Wide Area Network (WAN) Setup

Select WAN for the Advanced

VPI/VCI	Category	Service	Interface	Protocol	mtu	IGMP	QoS	VLAN ID	State	Remove	Edit
0/35	UBR	br_0_35	ppp_0_35_1	PPPoE	1492	Disabled	Disabled	N/A	Enabled	<input type="checkbox"/>	<input type="button" value="Edit"/>

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WAN Configuration

To configure the WAN interface, enter the appropriate ATM PVC or use the check box to select WAN service over **(eth0)** interface. Note, before you select WAN service over **(eth0)** interface, you must erase all existing ATM PVC configuration. Also, once you select WAN service over **(eth0)**, you cannot configure any other ATM PVCs until the WAN service over Ethernet entry is deleted.

ATM PVC Configuration

This screen allows you to configure an ATM PVC identifier (VPI and VCI) and select a service category. Otherwise choose an existing interface by selecting the checkbox to enable it.

VPI: [0-255] ←

VCI: [32-65535] ←

Service Category: ▾

Assign for the VPI/VCI the specified

Enable Quality Of Service

Enabling packet level QoS for a PVC improves performance for selected classes of applications. QoS cannot be set for CBR and Realtime VBR. QoS consumes system resources; therefore the number of PVCs will be reduced. Use **Advanced Setup/Quality of Service** to assign priorities for the applications.

Enable Quality Of Service

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Connection Type

Select the type of network protocol and encapsulation mode over the ATM PVC that your ISP has instructed you to use. Note that 802.1q VLAN tagging is only available for PPPoE, MER and Bridging.

- PPP over ATM (PPPoA)
- PPP over Ethernet (PPPoE) ←
- MAC Encapsulation Routing (MER)
- IP over ATM (IPoA)
- Bridging

Select the encapsulation type

Encapsulation Mode: ▾

Enable 802.1q

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PPP Username and Password

PPP usually requires that you have a user name and password to establish your connection. In the boxes below, enter the user name and password that your ISP has provided to you.

PPP Username:

PPP Password:

PPPoE Service Name:

Authentication Method:

Enter the **username** and **password** for the PPP

MTU [88-1500]:

- Dial on demand (with idle timeout timer)
- PPP IP extension
- Use Static IP Address
- Enable PPP Debug Mode

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Enable IGMP Multicast, and WAN Service

- Enable IGMP Multicast
- Enable WAN Service

Service Name



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WAN Setup - Summary

Make sure that the settings below match the settings provided by your ISP.

VPI / VCI:	0 / 35
Connection Type:	PPPoE
Service Name:	pppoe_0_35_1
Service Category:	UBR
IP Address:	Automatically Assigned
Service State:	Enabled
NAT:	Enabled
Firewall:	Enabled
IGMP Multicast:	Disabled
Quality Of Service:	Disabled

Click "Save" to save these settings. Click "Back" to make any modifications.

NOTE: You need to reboot to activate this WAN interface and further configure services over this interface.



Configure **Wireless**

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- + Device Info
- + Quick Setup
- + Advanced Setup
- **Wireless**
 - Basic
 - Security
 - MAC Filter
 - Advanced
 - Statistics
 - Diagnostics
 - + Management

Wireless -- Basic

This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface, hide the network from active scans, set the wireless network name (also known as SSID) and restrict the channel set based on country requirements. Click "Save/Apply" to configure the basic wireless options.

Select Wireless from Advanced Setup

Enable Wireless
 Enable SSID Broadcast

SSID: Assign a Name for the

BSSID: 00:23:CD:CE:52:42

Region:

Warning: Ensure you select a correct region to conform local law. Incorrect settings may cause interference.

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- **Wireless**
 - Basic
 - **Security**
 - MAC Filter
 - Advanced
 - Statistics
 - Diagnostics
 - + Management

Wireless -- Security

This page allows you to configure security features of the wireless LAN interface. You can sets the network authentication method, selecting data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength. Click "Save/Apply" to configure the wireless security options.

Network Authentication:

WEP Encryption: To assign a password for the Wireless enable WEP

Encryption Strength:

Current Network Key:

Network Key 1: Enter the desired

Network Key 2:

Network Key 3:

Network Key 4:

Enter 5 ASCII characters or 10 hexadecimal digits for 64-bit encryption keys
Enter 13 ASCII characters or 26 hexadecimal digits for 128-bit encryption keys
Enter 16 ASCII characters or 32 hexadecimal digits for 152-bit encryption keys

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 - + NAT
- + Security
- + Routing
- DNS
 - + **DNS Server**
 - + Dynamic DNS
 - + DSL
 - + Port Mapping
- + Wireless
- + Diagnostics
- + Management

DNS Server Configuration

If Enable Automatic Assigned DNS checkbox is selected, this router will accept the first received DNS assignment from one of the PPPoA, PPPoE or MER/DHCP enabled PVC(s) during the connection establishment. If the checkbox is not selected, enter the primary and optional secondary DNS server IP addresses. Click 'Save' button to save the new configuration. You must reboot the router to make the new configuration effective.

Enable Automatic Assigned DNS

Save

To Assign DNS automatically
check this option

Or you can assign them

DNS Server Configuration

If Enable Automatic Assigned DNS checkbox is selected, this router will accept the first received DNS assignment from one of the PPPoA, PPPoE or MER/DHCP enabled PVC(s) during the connection establishment. If the checkbox is not selected, enter the primary and optional secondary DNS server IP addresses. Click 'Save' button to save the new configuration. You must reboot the router to make the new configuration effective.

Enable Automatic Assigned DNS

Primary DNS server:

Secondary DNS server:

Save

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Wide Area Network (WAN) Setup

Choose Add, Edit, or Remove to configure WAN interfaces.
 Choose Save/Reboot to apply the changes and reboot the system.

VPI/VCI	Category	Service	Interface	Protocol	mtu	IGMP	OoS	VLAN ID	State	Remove	Edit
0/32	UBR	br_0_32	nas_0_32	Bridge	1500	N/A	Disabled	N/A	Enabled	<input type="checkbox"/>	Edit
1/33	UBR	br_1_33	nas_1_33	Bridge	1500	N/A	Disabled	N/A	Enabled	<input type="checkbox"/>	Edit
0/35	UBR	pppoe_0_35_1	ppp_0_35_1	PPPoE	1492	Disabled	Disabled	N/A	Enabled	<input type="checkbox"/>	Edit
0/100	UBR	br_0_100	nas_0_100	Bridge	1500	N/A	Disabled	N/A	Enabled	<input type="checkbox"/>	Edit
8/35	UBR	br_8_35	nas_8_35	Bridge	1500	N/A	Disabled	N/A	Enabled	<input type="checkbox"/>	Edit
8/81	UBR	br_8_81	nas_8_81	Bridge	1500	N/A	Disabled	N/A	Enabled	<input type="checkbox"/>	Edit
0/200	UBR	br_0_200	nas_0_200	Bridge	1500	N/A	Disabled	N/A	Enabled	<input type="checkbox"/>	Edit

[Add](#) [Remove](#) [Save/Reboot](#)





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Model No.: TD-W8910G

- Device Info

- Summary
- WAN
- + Statistics
- Route
- ARP
- DHCP
- Quick Setup
- + Advanced Setup
- + Wireless
- Diagnostics
- + Management

Device Info

To check the status of the Connection choose

Firmware Version:	1.3.4 Build 080731 Rel.35756n
Hardware Version:	TD-W8910G v2 0000235b

This information reflects the current status of your DSL connection.

Line Rate - Upstream (Kbps):	1120
Line Rate - Downstream (Kbps):	2144
LAN IP Address:	192.168.1.1
Default Gateway:	89.108.187.1
Primary DNS Server:	89.108.128.44
Secondary DNS Server:	89.108.129.77



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- Summary
- WAN
- + Statistics
- Route
- ARP
- DHCP
- Quick Setup
- + Advanced Setup
- + Wireless
- Diagnostics
- + Management

WAN Info

VPI/VCI	Category	Service	Interface	Protocol	IGMP	QoS	State	Status	IP Address	ppp Link Ctrl
0/35	UBR	br_0_35	ppp_0_35_1	PPPoE	Disabled	Disabled	Enabled	Up	89.108.187.59	<input type="button" value="Disconnect"/>

The **status** option indicates that the DSL

And Here's the IP we've been assigned to surf the

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- Device Info
 - Summary
 - WAN
- Statistics
 - LAN
 - WAN
 - ATM
 - ADSL
 - Route
 - ARP
 - DHCP
- Quick Setup
- + Advanced Setup
- + Wireless
- Diagnostics
- + Management

To check some statistics related to DSL Line choose ADSL option under Statistics from the **Device Info** Menu

	Downstream	Upstream
SNR Margin (dB):	29.2	7.0
Attenuation (dB):	32.0	18.5