


Default IP address: 10.1.1.1


Username: admin

Password: admin



Building Networks for People

**DVA-G3340S**  
Wireless ADSL VoIP IAD



**Wizard**

Wireless

WAN

LAN

DHCP

DNS

DynamicDNS

Voice


Logout

HomeAdvancedToolsStatusHelp

### Setup Wizard

The DVA-G3340S is an ADSL Router ideal for home networking and small business networking. The setup wizard will guide you to configure the DVA-G3340S to connect to your ISP (Internet Service Provider). The DVA-G3340S's easy setup will allow you to have Internet access within minutes. Please follow the setup wizard step by step to configure the DVA-G3340S.

Run Wizard

  
Help



## DVA-G3340S Setup Wizard

Welcome to the DVA-G3340S Setup Wizard. The Wizard will guide you through these four quick steps. Begin by clicking on **Next**.

- Step 1. Choose your time zone
- Step 2. Set Internet connection
- Step 3. Set wireless configuration
- Step 4. Set voice configuration
- Step 5. Restart



Next



Exit

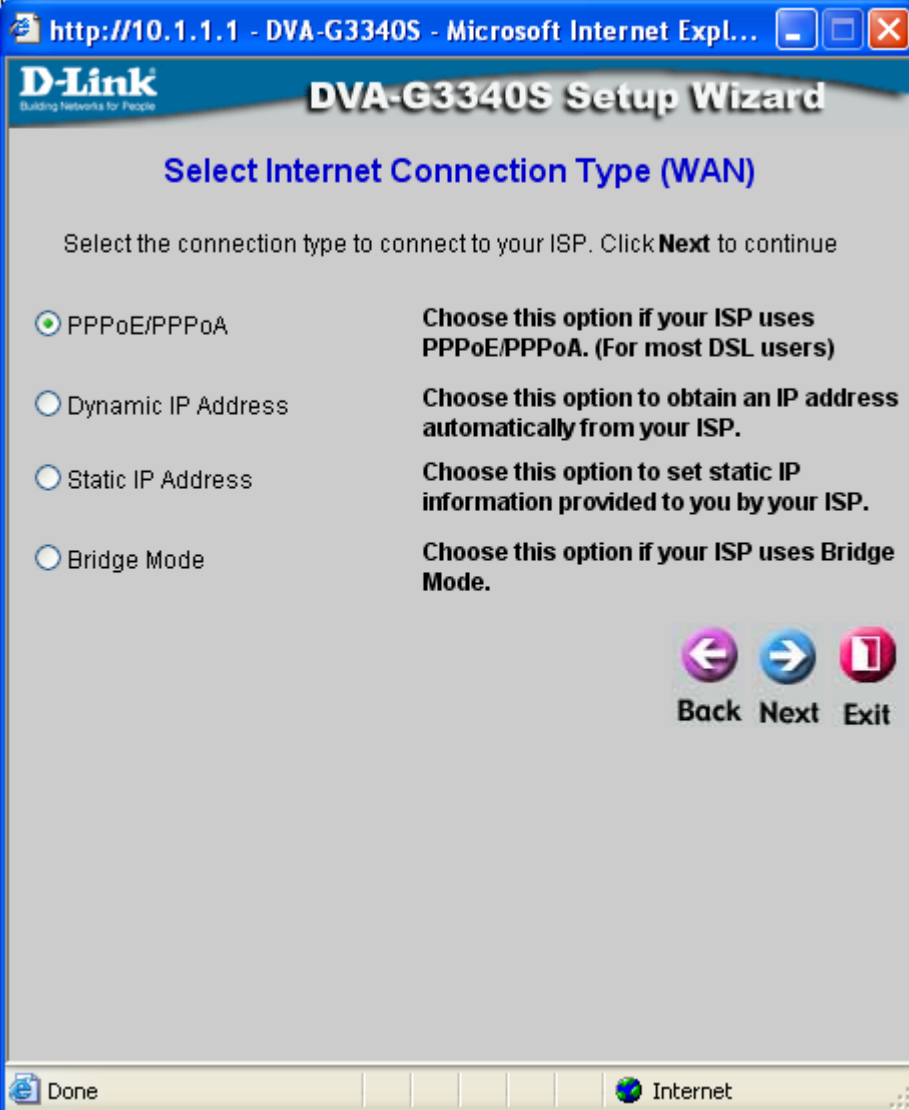
## DVA-G3340S Setup Wizard

### Choose Time Zone

Select the appropriate time zone for your location and click **Next** to continue.

(GMT+10:00) Canberra, Melbourne, Sydney 

    
**Back** **Next** **Exit**



http://10.1.1.1/cgi-bin/webcm?getpage=../html/home/...

**D-link**  
Building Networks for People

## DVA-G3340S Setup Wizard

### Set Wireless LAN Connection




Enter the SSID name and channel number to be used for the Wireless LAN. If you wish to use encryption, enable it below and enter the correct values. Click **Next** to continue.

☒ Enable AP

SSID:

Channel:  ▼

Security: ☒ None ☐ WEP ☐ WPA

Back Next Exit

Done Internet

http://10.1.1.1 - DVA-G3340S - Microsoft Internet Expl...

**D-Link**  
Building Networks for People

## DVA-G3340S Setup Wizard

### Set voice configuration

The VoIP Configuration allows the user to set the configuration of VoIP.  
Click **Next** to continue.

Server Address

**Line 1:**

Phone Number

Username




Password

**Line 2:**


Phone Number

Username

Password

Back Next Exit

Done  Internet



## DVA-G3340S Setup Wizard

### Setup Completed

The Setup Wizard has completed. Click on **Back** to modify changes or mistakes. Click **Restart** to save the current settings and reboot the DVA-G3340S.



Back



Restart



Exit

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## Wireless Settings

These are the wireless settings for the AP(Access Point) Portion.

☒ Enable APSSID: Channel:  Security: ☐ None ☐ WEP ☒ WPAGroup Key Interval:  Seconds

Note: Group Key Interval is shared by all WPA options.

☐ 802.1xServer IP Address: Port: Secret: ☐ PSK HexHex: ☒ PSK StringString: 

Please save and reboot the device to take effect !

**Apply****Cancel****Help**





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### ATM VC Setting

PVC

VPI

VCI

Virtual Circuit

WAN Setting

### PPPoE/PPPoA

User Name

Password

Connection Type

MTU  bytes

MRU  bytes

Default Route

NAT

Firewall

IP Control

Static IP

### ATM

Service Category

PCR  kbps

SCR  kbps



Apply



Cancel



Help



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## Management IP

These are the IP settings of the LAN interface for the DVA-G3340S. These setting may be referred to as Private settings. You may change the LAN IP address if needed.

IP Address

Subnet Mask



Apply



Cancel

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## DHCP Settings

The device can be setup as a DHCP Server to distribute IP addresses to the LAN network.

☐ No DHCP

Choose this option. The IP address must be manually assigned at each device connected to DVA-G3340S.

☒ DHCP Server

Choose this option to setup as a DHCP server to distribute IP addresses to the LAN network.

## DHCP Server

Starting IP Address

Ending IP Address

Lease Time

seconds

DNS Mode

☒ Auto ☐ Manual

Primary DNS

Secondary DNS

Static IP Assignment

MAC Address

IP Address

Static IP1:

Static IP2:

Static IP3:

Static IP4:

Static IP5:

Enter MAC Address format as xx-xx-xx-xx-xx-xx, i.e: 00-0C-8E-D5-11-22, and IP Address format as xxx.xxx.xxx.xxx, i.e: 192.168.1.2




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## DNS Configuration

The DNS Configuration allows the user to set the configuration of DNS relay.

DNS Relay Selection

Use Auto Discovered DNS Server Only 

### User Configuration:

Preferred DNS Server

192.231.203.132

Alternate DNS Server

192.231.203.3



Apply



Cancel



Help



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## DDNS Configuration

The DDNS Configuration allows the user to set the configuration of DDNS.

DDNS Server

Disable DDNS Server ▾

**User Configuration:**

Disable DDNS Server

www.dyndns.org

www.no-ip.com

UserName

UserName

PassWord

●●●●●●●●

HostName

HostName



Apply



Cancel



Help

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## VOIP Configuration

The VoIP Configuration allows the user to set the configuration of VoIP Server, User Agent, Peer to Peer, Telephony and ACR.

- |   |   |
|---|---|
| <input checked="" type="radio"/> Server | Choose this option. Settings for VoIP Server would show.  |
| <input type="radio"/> User Agent        | Choose this option. Settings for User Agent would show.   |
| <input type="radio"/> Peer to Peer      | Choose this option. Settings for Peer to Peer would show. |
| <input type="radio"/> Telephony         | Choose this option. Settings for Telephony would show.    |
| <input type="radio"/> ACR               | Choose this option. Settings for ARC table show.          |

## Server Configuration

Server Address	<input type="text"/>
Server Port:	<input type="text" value="5060"/>
Service Domain	<input type="text"/>
Outbound Proxy Server	<input type="text"/>
Outbound Proxy Port:	<input type="text" value="0"/>
URL Scheme	<input type="text" value="SIP-URL"/> <input type="button" value="v"/>
User Parameter	<input type="text" value="phone"/> <input type="button" value="v"/>
Initial Unregister	<input type="text" value="enabled"/> <input type="button" value="v"/>
Register Expires	<input type="text" value="3600"/> sec
Session Expires	<input type="text" value="3600"/> sec

Session Expires  sec

Min-SE  sec

Session Expires Refresher  ▼

Connection  ▼

Dial Plan



Apply



Cancel



Help



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## VOIP Configuration

The VoIP Configuration allows the user to set the configuration of VoIP Server, User Agent, Peer to Peer, Telephony and ACR.

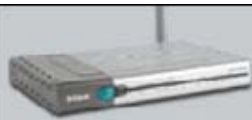
- |   |   |
|---|---|
| <input type="radio"/> Server                | Choose this option. Settings for VoIP Server would show.  |
| <input checked="" type="radio"/> User Agent | Choose this option. Settings for User Agent would show.   |
| <input type="radio"/> Peer to Peer          | Choose this option. Settings for Peer to Peer would show. |
| <input type="radio"/> Telephony             | Choose this option. Settings for Telephony would show.    |
| <input type="radio"/> ACR                   | Choose this option. Settings for ARC table show.          |

## User Agent Configuration

Same Phone Number	<input type="text" value="Disable"/>
Line	<input type="text" value="1"/>
Phone Number	<input type="text" value="21321"/>
Display Name	<input type="text"/>
User Agent Port	<input type="text" value="5060"/>
Authentication Username	<input type="text" value="213"/>
Authentication Password	<input type="password" value="....."/>
Confirm Password	<input type="password" value="....."/>

[Apply](#)[Cancel](#)[Help](#)



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## VOIP Configuration

The VoIP Configuration allows the user to set the configuration of VoIP Server, User Agent, Peer to Peer, Telephony and ACR.

☐ Server

Choose this option. Settings for VoIP Server would show.

☐ User Agent

Choose this option. Settings for User Agent would show.

☒ Peer to Peer

Choose this option. Settings for Peer to Peer would show.

☐ Telephony

Choose this option. Settings for Telephony would show.

☐ ACR

Choose this option. Settings for ARC table show.

### Peer To Peer

Index 1

Phone Number

User IP Address  @

Port

[Apply](#)[Cancel](#)[Help](#)

ID	Phone Number	User IP Address	Port	Edit	Delete
1		@			
2		@			
3		@			
4		@			
5		@			
6		@			
7		@			

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## VOIP Configuration

The VoIP Configuration allows the user to set the configuration of VoIP Server, User Agent, Peer to Peer, Telephony and ACR.

- |  |   |
|--|---|
| <input type="radio"/> Server               | Choose this option. Settings for VoIP Server would show.  |
| <input type="radio"/> User Agent           | Choose this option. Settings for User Agent would show.   |
| <input type="radio"/> Peer to Peer         | Choose this option. Settings for Peer to Peer would show. |
| <input checked="" type="radio"/> Telephony | Choose this option. Settings for Telephony would show.    |
| <input type="radio"/> ACR                  | Choose this option. Settings for ARC table show.          |

## Telephony Configuration

- |                   |                   |
|-------------------|-------------------|
| Index             | 1 ▾               |
| EC                | Enabled ▾         |
| VAD               | Disabled ▾        |
| OOB DTMF          | Disabled(G.711) ▾ |
| Payload Type      | 100               |
| RX Gain           | -1                |
| TX Gain           | -1                |
| Inter-Digit Timer | 4 sec             |

## Codec Priority & Packet Interval

G.711a-law	3rd	20	ms
G.711u-law	1st	20	ms
G.723.1	no-use	30	ms
G.729a	2nd	20	ms
G.726	4th	20	ms

## Distinctive Ringing

Index 1

Caller ID



Apply



Cancel



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## UPnP

To enable UPnP, check Enable UPnP and then select a connection.

☒ Enable UPnP

Select	Available Connections
<input checked="" type="radio"/>	Pvc0
<input type="radio"/>	Pvc1
<input type="radio"/>	Pvc2
<input type="radio"/>	Pvc3
<input type="radio"/>	Pvc4
<input type="radio"/>	Pvc5
<input type="radio"/>	Pvc6
<input type="radio"/>	Pvc7



Apply



Cancel



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### Virtual Server

Connection: Pvc0

LAN IP 10.1.1.2

New IP

#### Category

- ☒ Games
- ☐ VPN
- ☐ Audio/Video
- ☐ Apps
- ☐ Servers
- ☐ User

#### Available Rules

Alien vs Predator  
Asheron's Call  
Dark Rein 2  
Delta Force  
Doom  
Dune 2000  
DirectX (7,8) Games  
EliteForce  
EverQuest  
Fighter Ace II

View

Add >

< Remove

#### Applied Rules

Please save and reboot the device to take effect !



Apply



Cancel



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## SNMP Management

☐ Enable SNMP Agent☐ Enable SNMP Traps

Name: DVA-G3340S

Location: DLink

Contact: support@dlink.com

Vendor OID: 1.3.6.1.4.1.294

## Community

Name	Access Right
public	ReadOnly

## Traps

Destination IP	Trap Community	Trap Version



Apply



Cancel



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## TR069 Management

☐ Enable TR069

Username:

Password:

ACS URL:

Default ACS URL:

CPE URL:

## Inform Configure

☒ Disable☐ Periodic☐ Schedule

Periodic Interval:

 seconds

Schedule Time:

Date: Jan 1 1970

Time: 10 : 0 : 0

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## Filters

Filters are used to allow or deny LAN or WAN users from accessing the internet or internal Network.

☒ Outbound Filter☐ Inbound Filter

## IP Outbound Filter

Filters are used to allow or deny LAN users from accessing the internet.

Source IP  ~  Any IP Destination IP  ~  Any IP Source Port  ~  Any Port Destination Port  ~  Any Port Protocol TCP,UDP Action Allow 

Apply



Cancel



Help

ID	Category	Source IP	Destination IP	Prot.	Act.	Enable
----	----------	-----------	----------------	-------	------	--------



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### Bridge Filters

☐ Enable Bridge Filters

Src MAC	Src Port	Dest MAC	Dest Port	Protocol	Mode
00-00-00-00-00-00	ANY	00-00-00-00-00-00	ANY	PPPoE Session	Deny



Apply



Cancel



Help

Src MAC	Src Port	Dest MAC	Dest Port	Protocol	Mode	Delete
---------	----------	----------	-----------	----------	------	--------

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### LAN Clients

IP Address

Host Name

Add

Valid IP Range: 10.1.1.2 - 10.1.1.30

### Static Addresses

Delete	IP Address	Host Names	Type
--------	------------	------------	------

### Dynamic Addresses

Reserve	IP Address	Host Names	Type
<input type="checkbox"/>	10.1.1.2	administrator	Dynamic



Apply



Cancel



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### Routing Table

IP Routes are used to define gateways and hops used to route data traffic. Most users will not need to use this feature as the previous gateway and LAN IP settings on your host computers should be sufficient.

Destination

Netmask

☒ Gateway

☐ Connection



Apply



Cancel



Help

ID	Destination	Netmask	Gateway	Interface
----	-------------	---------	---------	-----------





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## DMZ

DMZ (Demilitarized Zone) is used to allow a single computer on the LAN to be exposed to the Internet.

☐ Enabled ☒ Disabled

IP Address:

0.0.0.0



Apply



Cancel



Help



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## Firewall Configuration

### DoS Protection

DoS attacks can be checked based on your specific need.

State: ☒ Enabled ☐ Disabled

- ☒ SYN Flooding checking
- ☒ ICMP Redirection checking

### Port Scan Protection

Port Scan attacks can be checked based on your specific need.

State: ☒ Enabled ☐ Disabled

- ☒ FIN/URG/PSH attack
- ☒ Xmas Tree attack
- ☒ Null Scan attack
- ☒ SYN/RST attack
- ☒ SYN/FIN attack

### Service Filtering

The following services can be blocked based on your specific need.

Firewall

RIP

PPP

ADSL

ATM VCC

QoS

Wireless  
Management



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## Service Filtering

The following services can be blocked based on your specific need.

- ☐ Ping from External Network
- ☒ Telnet from External Network
- ☒ FTP from External Network
- ☒ DNS from External Network
- ☒ IKE from External Network
- ☒ RIP from External Network
- ☒ DHCP from External Network
- ☐ ICMP from LAN



Apply



Cancel



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## RIP System Wide Configuration

RIP is an Internet protocol you can set up to share routing table information with other routing devices on your LAN, at your ISP's location, or on remote networks connected to your network via the ADSL line.

RIP Disabled

Protocol RIP v2

Direction Both

RIP



Apply



Cancel



Help



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## PPP Connection

This page is used to view and PPP connection status and setting.

PVC

PVC0

Connection Setting

Connected

Disconnect

PPP

Connection Setting

- ☒ Always ON
- ☐ Connection On Demand
- ☐ Manual

Recommended

Connection will close if idle for

 minutes

Use Connect/Disconnect button only



Apply



Cancel



Help

## ATM VCs List

ID	PVC	VPI	VCI	Connection Type	
1	PVC0	8	35	PPPoE	



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## ADSL Configuration

The ADSL Configuration page allows the user to set the configuration for ADSL protocol.

Modulation Type

Multi-mode ▼

ADSL



Apply



Cancel



Help



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## ATM VC Setting

PVC PVC0  
VPI 8  
VCI 35  
Virtual Circuit Enabled  
WAN Setting PPPoE/PPPoA

## PPPoE/PPPoA

User Name dlinkaus@interno  
Password  
Connection Type PPPoE LLC  
MTU 1400 bytes  
MRU 1492 bytes  
Default Route Enabled  
NAT Enabled  
Firewall Enabled  
IP Control Dynamic IP  
Static IP 0.0.0.0



Apply



Cancel



Help

## ATM VCs List

ID	PVC	VPI	VCI	Connection Type	Virtual Circuit	
1	PVC0	8	35	PPPoE/PPPoA	Enabled	



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### QoS Configuration

IGMP Proxy/Snooping

PVC0

☒ Disabled

☐ Enabled

☒ None ☐ PortMapping QoS ☐ IP QoS

Please save and reboot the device to take effect !

QoS



Apply



Cancel



Help





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### QoS Configuration

**IGMP Proxy/Snooping**

PVC0

☒ Disabled ☐ Enabled

☐ None ☒ PortMapping QoS ☐ IP QoS

Please set configuration for Ethernet Port based QoS.

LAN	Port Mapping	Priority	Bandwidth
Port1	<div>PVC0</div>	<div>1</div>	<div>Auto</div> kbps
Port2	<div>PVC0</div>	<div>1</div>	<div>Auto</div> kbps
Port3	<div>PVC0</div>	<div>1</div>	<div>Auto</div> kbps
Port4	<div>PVC0</div>	<div>1</div>	<div>Auto</div> kbps

WAN to LAN

☒ Auto Learning ☐ Port mapping

Port Mapping

USB

PVC0

Wireless

PVC0

Please save and reboot the device to take effect !

Apply

Cancel

Help





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### QoS Configuration

IGMP Proxy/Snooping

PVC0

☒ Disabled

☐ Enabled

☐ None ☐ PortMapping QoS ☒ IP QoS

Please set configuration for IP based QoS.

PVC

PVC0

Bandwidth

Auto kbps

Classified by

Disable

Please save and reboot the device to take effect !



Apply



Cancel



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## Wireless Management

☒ Access List

☐ Associated Stations

☐ Multiple SSID

### Access List

☐ Enable Access List

☐ Allow ☐ Deny

Mac Address:

Add

Wireless  
Management

[Delete](#) [Mac Address](#)

Please save and reboot the device to take effect !



Apply



Cancel



Help



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## Wireless Management

☐ Access List

☐ Associated Stations

☒ Multiple SSID

Multiple SSID

☐ Enable Multiple SSID

SSID:

Add

Delete

Key

SSID

Please save and reboot the device to take effect !



Apply



Cancel



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## Wireless Performance

These are the Wireless Performance feature for the AP(Access Point) portion.

Beacon interval:  (msec, range:1~1000,default:200)

DTIM:  (range:1~25,default:2)

Hidden SSID: ☐ Enabled

Antenna transmit power:

RTS Threshold:

Frag Threshold:

b/g Mode:

4x Wireless Feature: ☒ Enabled

Wireless Performance



Apply



Cancel



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### Administrator Settings

There is only one account that can access the DVA-G3340S's Web-Management interface.

Administrator (The Login Name is "admin")

New Password

Confirm Password

WebPort

80

(Change the port number of login web)

### Remote Web Management

State

☐ Enabled

☒ Disabled

IP Address

0.0.0.0

Netmask

255.255.255.255

### Remote Telnet Management

State

☐ Enabled

☒ Disabled

IP Address

0.0.0.0

Netmask

255.255.255.255



Apply



Cancel



Help



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## Time

Set the DVA-G3340S system time.

**Local Time** 09/05/2006 14:35:40

Synchronize the ADSL Router's clock with:

- ☐ Automatic (Simple Network Time Protocol)
- ☒ Your computer's clock
- ☐ Manual (Enter your own settings)

Date: Sep 05 2006

Time: 14 : 35 : 40



Apply



Cancel



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### Remote Log Settings

Log Level

Notice

Add an IP Address

Add

Select a logging destination

None

Remove



Apply



Cancel



Help



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## System Settings

The current system settings can be saved as a file onto the local hard drive.

### Save Settings To Local Hard Drive

### Load Settings From Local Hard Drive

Note: The system has to be restarted after the configuration is restored.

### Save Settings and Reboot the System.

### Restore To Factory Default Settings

### Force the DVA-G3340S Wireless LAN to restart.

[Help](#)





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## Firmware Upgrade

There may be new firmware for your DVA-G3340S to improve functionality and performance. To upgrade the firmware, locate the upgrade file on the local hard drive with the Browse button. Once you have found the file to be used, click the Apply button below to start the firmware upgrade.

Current Firmware Version : V2.10B01T01.AU.B.20060824

Browse...

Note: The system has to be restarted after the firmware upgrade.



Apply



Cancel



Help



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### Miscellaneous Configuration

There are additional tools and features of the DVA-G3340S

#### Ping Test

Ping IP Address

192.168.1.1

Ping

Ping Result :

#### Connetions

IGMP Proxy

Pvc0

☒ Disabled

☐ Enabled



Apply



Cancel



Help

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## Diagnostic Test

The diagnostics feature executes a series of test of your system software and hardware connections. Use the feature when working with your ISP to troubleshoot problems.

Virtual Circuits :  OAM Type : 

This Page is used for performing diagnostics on the system.

Testing Connectivity to modem	
Testing Ethernet LAN connection	PASS
Testing ADSL Connection	
Testing ADSL Synchronization	PASS
Testing Network Connection	
Testing ATM OAM segment ping	SKIPPED
Testing ATM OAM end to end ping	SKIPPED
Testing Internet Connectivity	
Ping Primary Domain Names Server	SKIPPED



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### Device Information

Firmware Version : **V2.10B01T01.AU.B.20060824**

SIP Stack Version : **1.0.4**

#### LAN

MAC Address	00:05:5D:19:8B:94
IP Address	10.1.1.1
Subnet Mask	255.0.0.0
DHCP Server	Enabled
NAT	Enabled

#### WAN

Virtual Circuit	<input type="text" value="Pvc0"/>
Status	Connected
Connection Type	PPPoE
IP Address	59.167.46.123
Subnet Mask	255.255.255.255
Default Gateway	150.101.197.90
DNS Server	192.231.203.132

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### DHCP Clients

MAC Address	IP Address	Host Name
00:50:ba:09:65:10	10.1.1.2	administrator

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## View Log

View Log displays the activities occurring on the DVA-G3340S.

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Time	Message
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## Traffic Statistics

Traffic Statistics display Receive and Transmit packets passing through the DVA-G3340S.

Choose an interface to view your network status:

- ☒ Ethernet      Display Receive and Transmit packages through Ethernet  
☐ ADSL      Display Receive and Transmit packages through ADSL  
☐ Wireless      Display Receive and Transmit packages through wireless connection

[Refresh](#)[Help](#)

### Transmit

Good Tx Frames	14123
Good Tx Broadcast Frames	3
Good Tx Multicast Frames	243
Tx Total Bytes	5025910
Collisions	0
Error Frames	0
Carrier Sense Errors	0

### Receive

Good Rx Frames	12704
Good Rx Broadcast Frames	83
Good Tx Multicast Frames	0
Rx Total Bytes	1743475
CRC Errors	0
Undersized Frames	0
Overruns	0



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## ADSL Status

ADSL status shows the ADSL physical layer status.

ADSL Firmware Version: 4.03.03.00 - 3.02.00.03 - 3.02.06.00 Annex A - 01.07.02 - 0.49  
ADSL Software Version: V2.10B01T01.AU.B.20060824  
Line State: Connected  
Modulation: Multi-mode  
Annex Mode: Annex A  
Max Tx Power: -38 dBm/Hz

Item	Downstream	Upstream	Unit
SNR Margin	9	9	dB
Line Attenuation	29	17	dB
Data Rate	9585	1021	kbps

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