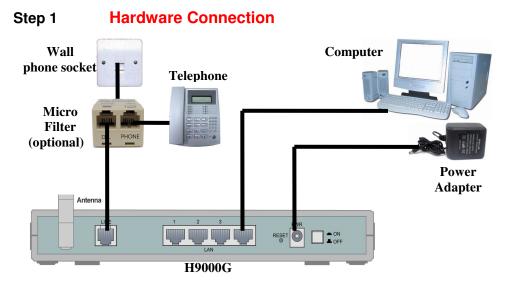
Quick Installation Guide

PROLiNK Hurricane 9000G Wireless 802.11g ADSL Ethernet Modem Router Version 1.0



- 1.1 Ensure that the PC/Notebook & ADSL Modem are power off
- 1.2 Connect one end of the RJ45 (Ethernet) cable to the LAN port of the computer.
- 1.3 Connect the other end of RJ45 cable to the ADSL Modem.
- 1.4 Connect one end of RJ11 (Telephone) cable to the ADSL port (marked Line) on the ADSL Modem.
- 1.5 Connect the other end of RJ11 cable into the phone socket, which has the ADSL service activated, or the ADSL port of a Micro-filter whichever is applicable
- 1.6 Connect power adapter to the power socket.

Step 2 Configuring the Computer / Notebook

Important! Please ensure that the PC's Network Card TCP/IP Properties and the Internet Browser proxy are configured correctly

It is also assumed that the computer/notebook has the Ethernet Network card installed.

2a Configure TCP/IP settings for Windows® 95 / 98 / 98SE / ME

- Go To Control Panel \rightarrow Network \rightarrow Select TCP/IP of your LAN card \rightarrow Properties
- Go to IP Address \rightarrow Select Obtain an IP address automatically
- Click OK and the system will prompts to Restart the Computer

2b Configure TCP/IP settings for Windows® 2000 / XP

- Go to Control Panel → Select Network and Internet Connections → Click on the Network Connections icon.
- Select the Local Area Connection icon for the applicable Ethernet adapter
 → Right Click and select Properties
- Select Internet Protocol (TCP/IP) → Properties
- Under General \rightarrow Select Obtain an IP address automatically and Obtain DNS server address automatically
- Click OK

2c Disable Proxy Settings

Windows Desktop > right click Internet Explorer (IE) > click Properties > click Connections tab > select Never dial a connection > click LAN Settings... > remove the tick (if there is) for option box for Proxy server > click OK > click OK again to exit

2.1 Verifying Your Local Network Connection with H9000G

From Start > Run > Enter ping 192.168.1.254 -t > Click OK



Step 3 Configuring H9000G using Web-Based

Note: To configure this device, you must have IE 5.0 / Netscape 4.5 or above installed

- a Start your Web Browser > key in <u>http://192.168.1.254</u> at the URL/Address field
- b Key in the User name: admin and Password: password > click on the **OK** button to logon to the router

~
d
Cancel

c In the Quick Start page, refer to your ISP Broadband service letter and key in your Username: eg. prolink@singnet and Password: ******* > click Submit > Save Config > Submit again

The rest of the settings you can leave them as default

	Quick Start		
	Pvc 0 (VPI/VCI=Singapore	0/100; Malaysia 0/35; Indonesia 1/33;	SriLanKa <mark>8/35</mark> ; Thailand 1/32)
itart	Per VC Settings		
atica	Virtual Circuit	Enabled 💌	
onfig	Connection		
	Encapsulation	PPPoE LLC	•
	Bridge	Enabled	
	VPI	0	
	VCI	100	
	Account Setup		
	Username	prolink@singnet	(e.g. prolink@singnet)
	Password		
	Automatic Reconnect		
	Static IP Settings (Option	al)	
	IP Address	0.0.0.0	
	Subnet Mask	0.0.0.0	
	Gateway	0.0.0.0	
	Submit Reset		

Please enter the VPI/VCI settings according to your local ADSL ISP ATM VC (e.g. Singapore: VPI/VCI=0/100; Malaysia: VPI/VCI=0/35; Indonesia: VPI/VCI=1/33; SriLanka: VPI/VCI=8/35; Thailand: VPI/VCI=1/32)

3.1 WAN / Internet Connection Status

To verify that you are connected to the internet , Go to Status > WAN > an IP address should be assigned to you

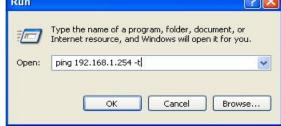
WAN						
IP Address	Subnet Mask	MAC Address				
210.24.206.112	255.255.255.0	00:04:ED:26:6E:FD				

3.2 Wireless Configuration

a. Without WEP Security (Default)

Go to Configuration > Wireless > Basic Settings

The default SSID (Wireless workgroup name) is **Prolink11g**. You can change it to any unique name for identification.



If the connection has been established, you will receive replies from the router.

C:\WINDOWS\System32\ping.exe

Pinging 192.168.1.254 with 32 bytes of data:

Reply from 192.168.1.254: bytes=32 time<1ms TTL=155 Reply from 192.168.1.254: bytes=32 time<1ms TTL=155 Reply from 192.168.1.254: bytes=32 time<1ms TTL=155 The default Channel is 6. All devices communicating with the device must use the same channel.

The security (WEP Encryption) is set to Disabled by default. Wireless client/PC should be able to connect to the Hurricane 9000G without doing any changes of these settings

b. To Set Security (WEP Encryption)

Security : Enable Encryption Key Length : 64 bit Hex or 128 bit Hex

Keys: Enter the **Key**, you may want to enter **Key 1** as only one single key will be use for every wireless connection. (10 HEX Characters for 64 bit or 26 HEX Characters for 128 bit)

Use Hexadecimal characters only (the numbers 0-9 and letters a-f)

The rest of the settings you can leave them as default

Click Submit > Save Config > Submit again to save your configurations

	WLAN Driver(Mar	coni) : v3.0.5	
Status	Boot Loader Vers	ion : v3.1.1	
Quick Start	Upper MAC Versio	on : M_UM_3.1.20	
Configuration	Lower MAC Versi	on:M2_LM_D2959SC_3.	1.41
WAN	AP BSSID: 00:04:E	D:26:72:8F	
	SSID P	rolink11g	
	Channel		
Basic setting	Security	Enable Encryption O D	Disable Encryption
Maxanoea setting	Key Lengt i 🤇	🖸 64 bit (Hex) 🔿 12 bit i	(Hex)
WLAN Security	Auth Type C)pen System 💌	
		he Passphrase should be t	fewer than 16 characters. You may manually enter you resource blank)
	Key 1		(5 bytes for 64 bit or 13 bytes for 128 bit)
Virtual Server) Taloborosců	
	Key 3) 8e33fb2bf1	
Save Config	Key 4) cf12611e1d	
	Secret AP D)isable 🔽 (Hide SSID)	
	Submit Reset		

Note: 128-bit encryption is more secure than 64-bit encryption, but due to increased complexity, 128-bit encryption may decrease network performance.

4.1 PROLINK WG1000 PCMCIA 802.11G Wireless Card

a After installing the Driver and Utility Program, you will see the Wireless LAN utility icon on your desktop



 For Win XP user , go to Ctrl Panel > Network Connections > LAN or High-Speed Internet > Right Click the Wireless Network Connection > Properties > Wireless Networks > Uncheck "Use Windows to configure my wireless network settings" > OK

	vorks Advanced
Use Windows to co	nfigure my wireless network settings
Available networks:	
	nnect from, or find out more information Irks in range, click the button below.
	View Wireless Networks
below:	
below:	Move up Move down

c Double-click the 802.11g Wireless LAN Utility icon on your desktop

If you have enable the security encryption in the H9000G > Click **Privacy** tab > **WEP** > **None** > **Configure...**

Main Advance	Privacy Statistics About	
Privacy Mode	Authentication Mode None Configure Encryption method WEP	

- d
- For e.g. if your H9000G is enabled with 64bit (Hex) encryption > Key #1 > Password : 1234567890

In the WEP Configuration > Key Size : 40 bit (64bit) > Select 1 > Key in password : 1234567890 > Authentication : Open System > Key Format : Hex > OK

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PROLiNK WG2000 USB 802.11G Wireless Adapter

a After installing the Driver and Utility Program, you will see the Wireless LAN utility icon on your desktop



- b For Win XP user , refer to Step 4.1b first.
- c Double-click the 802.11b+g USB Wireless LAN Utility icon on your desktop

Click **Refresh** > under SSID column: select your H9000G SSID (default:**Prolink11g**) > click **Connect this site**

🧞 I	Network Adapter:	Mode: Station
***	802.11b+g USB Wire	eless LAN Adapter
vailable SSID Susines Prolinki AlCNE I		Selected Network Information Channel: 6 Type: Infrastructure Encrypt: On BSSID: 00 04 ED 26 5B 5B
	Refresh	Connect this site

d If you have enable the security encryption in the H9000G and you see the below message box (Use Previous WEP Setting) > Select **No**

<u> </u>	Network	Adapter:		Mode: St	ation
	802.11	b+g USB Wir	eless LAN Adapter		
SSID Busine		Stren	Selected Network In Channel: 6	nformation	
Prolink VICNET	A CONTRACTOR OF		Setting elected to connect to the WEP er t to use the previous WEP settin Yes No		ork.

е

f

For e.g. if your H9000G is enabled with 64bit (Hex) encryption > Key #1 > Password : 1234567890 In the WEP Key Setting > Click Change > Key Length : 64bit >

Default Key ID : #1 > Key Format : Hexadecimal > Key Value : #1 : 1234567890 > Apply

ev Length: (• 64 bit) ()	128 bit 🔿 256 bit
ey Length: 64 bit 0	120 DIC \$ 250 DIC
efault Key ID: #1 🖃	
ey Format: 📀 Hexdecimal	C ASCII
-	
ey Value: #1. 1234567890	
#2: *********	
Transferration	
#3: *********	

4.2



e Click **Main** tab > click **Rescan** > under SSID column: select your H9000G SSID (default:**Prolink11g**) > click **Connect** > click **OK**

ain Advanc	ed Privacy	Statistics	Abou	t]				
tatus: Connec	ted to netwo	rk.					External Co	nfiguration
SSID		Mode	Ch.	Signal	BSS	ID		Connect
Businessl T 🐴 VICNE T 🚽 < Hidden 💀	work>	Acce Acce Acce	1 6 11	Poor Poor Normal	00-0	F-66-09-63-9 A-E9-03-69- 0-98-4D-D3-	54	Modify
AProlink11g		Acce	6	Good	00-0	4-ED-26-63-	FB C	Rescan
Current Config Pref. SSID:	uration Prolink*	11g	BS	SID: 00-0	04-ED-	26-63-FB	Channel:	6
BSS Type:	Access F	Point					Tx Rate:	54 Mbps
Signal quality	Normal	-39/0			.00	Kbps Kbps		1000 1000 10 10 0 KBI 10 100 1000
					1	ок	Cancel	11000 App

1850			

Once connected, it will show the SSID connected (default:**Prolink11g**) and indicate the **Signal Strength** and **Link Quality** of the connection

SSID BusinessIT Prolink11g VICNET		Current Network Information Channel: 6 Type: Infrastructure SSID: Prolink11g Tx Rate: 54 mops
Refresh		Encrypt: WEP More Setting