



1. Hardware Installation

Step 1: Connect the ADSL Line.

Method one: Plug one end of the twisted-pair ADSL cable into the ADSL LINE port on the rear panel of the modem router, and insert the other end into the wall socket.

Method two: You can use a separate splitter. The external splitter has three ports:

- Line: Connect to the wall jack
- Phone: Connect to the phone sets
- Modem: Connect to the ADSL LINE port of the modem router

Step 2: Connect the Ethernet cable. Attach one end of a network cable to your computer's Ethernet port or a regular hub/switch port, and the other end to the LAN port on the modem router.

Step 3: Power on the computers and modem router.

Step 4: Attach the power adapter. Connect the power adapter to the power connector on the rear of the device and plug in the adapter to a wall outlet or power extension.



Name	Status	Indication
PWR	On	Power is on
	Off	Power is off
	Flash	The ADSL negotiation is in progress
ADSL	On	The LINE port is linked up.
	Off	The LINE port is linked down.
	Flashing	Data is being transferred over the Internet.
Internet	On	The modem router is initializing in the first 10 seconds when power is up. Or a successful PPP connection has been built.
	Off	There is no successful PPP connection or the modem router works on Bridge mode.
	Flash	There is wireless data being transmitted.
WLAN	On	The wireless function is enabled but no data is being transmitted.
	Off	The wireless function is disabled.
WPS	Off	WPS connection process is not activated. There's no wireless device trying to connect to the network by WPS function.
	Flash	WPS function is activated. The modem router's waiting for the WPS connection from a wireless device. This process will last in the first 2 minutes.

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LAN(1-4)	Flash	Data is being transferred over the 1-4 (LAN) port.
	On	There is a successful connection on the corresponding 1-4 (LAN) port but no activity.
	Off	There is no connection on the corresponding 1-4 (LAN) port or the connection is abnormal.

2. Configure PC

For Windows 7 as an example, other OS refer to set up.

Step 1: Click , then select the Open Network and Sharing Center.



Step 2: Click the Change adapter settings.



Step 3: Click **Local Area Connection** with the right button of your mouse. Then select **Properties**.



Step 4: Double click the "Internet Protocol Version 4(TCP/IPv4)".

anonony Jandrey	al l	
Connect using:		
2		
his connection us	es the following items:	Configure
Client for M	Acrosoft Networks	
VMware B	ridge Protocol	
Gos Pack	et Scheduler	
R BFile and P	inter Sharing for Microsoft	Networks
- Internet Pr	otocol Version 6 (TCP/IP)	(6)
Internet Po	otocol Version 4 (TCP//IP	(4)
Link-Layer	Topology Discovery Map	per I/O Driver
LINK-Layer	Topology Discovery Nes	sonder
	Universit	Properties
Install		
Install Description		
Install Description Transmission Col wide area netwo across diverse in	ntrol Protocol/Internet Pro rk protocol that provides o terconnected networks.	locol. The default ommunication

Step 5: Select the **"Obtain an IP address automatically**" as below. Then click **"OK**".



3. Login and Quick Start

Step 1:Start your web browser and type the private IP address of the

modem router in the URL field: 192.168.1.1.



Then, enter the default User Name **guest** and the default Password **guest**, then click **Login**.

User Name: guest	Jser Name:	guest	
Password:	assword:	•••••	

Step 2: And then Click START to start Quick Start guide.



Step 3: The Wizard will guide you through these four quick steps. Begin by clicking on **NEXT**

S Quick Start		
Control Chart	The Wizard will guide you through these four quick steps. Begin by clicking on NEXT	
> QUICK Start	Step 1. PVC Auto Searching	
	Step 2. Set your Internet connection	
	Step 3. Weless network configuration	
	Step 4. Save settings of this ADSL, Router	
	and the second s	

Step 4: Click **Cancel** if you know the correct PVC(VPI/VCI) from your ISP, you can input the value manually. And if you don't know the correct value, please click **OK**, it will take a moment to search for the available PVC.



Step 5: After the PVC value be input or searched, please click NEXT.

	Quick Start-DSL Sett	ting .
Quick Start Quick Start	Enable PVC Auto Search:	
	PVC Auto Search Result:	
	VPI:	8 (0~255)
	VCI:	35 (32~65535)
	BACK NEXT E	EXIT

Step 6: Select the Internet connection type to connect to your ISP, click **NEXT** to continue.

We will take PPPoE/PPPoA for example throughout this Guide. (For most DSL user)



Step 7: Enter the PPPoE/PPPoA information provided to you by your ISP, click **NEXT** to continue.

	Quick Start-PPPoE/PF	PoA
3 Quick Start	Enter the PPPoE/PPPoA infe	ormation provided to you by your ISP. Click NEXT to continue
A MARK STORE	Username:	
	Password:	
	Connection Type :	PPPoE LLC
	BACK NEXT EX	PPPoE VC-Mux PPPAALLC PPPAAVC-Mux

Step 8: You may enable/disable Wireless, change the wireless SSID and authentication type in this page, then click NEXT to continue.

|--|

luick Start liick Start	You may enable disable Wire Click NEXT to continue.	eless, change the Wireless SSID and Authentication type in this page.
	Access Point:	Activated Deactivated
	S SID:	
	Broadcast \$\$ID:	⊛ Yes © No
	Authentication Type :	Disabled

Step 9: Click **NEXT** to save the current settings, then click **CLOSE** to finish the **Quick Start.**

	Quick Start Completed!!
Quick Start Quick Start	The Serup Wizard has completed, Click on BACK to modify changes or mistakes, Click NEXT to save the current settings.
	BACK NEXT EXIT
	Quick Start Completed!!
Quick Start Quick Start	Saved Changes!
	close

Step 10: Click , then select the SSID you have set on **Step 8**, and click "Connect" button.

Not connected	+7	-
Connections are available		
Wireless Network Connection	•	m
netis	lite.	
Connect automatically	onnect	
Millett 1.	ite.	
100	Ine.	
Pergunden	ite.	
100.107	lite.	
Transfer History	Ine	
	·	-

Step 11: On the pop-up page, input your password which you have set on **Step 8** and click OK.

vork	<u> </u>
rk security key	
password	
Eide characters	
	OK Cancel
	vork rk security key password Hide characters

Step 12: Click 📶 , it will show like below, then you can surf the

Internet.



Appendix:

Configure the parameters for the WAN interface of your modem router

Step 1: Connect your upper device with the LAN4 port (as WAN port) on the router by an Ethernet cable.

And connect your PC with one of LAN1~LAN3 port by an Ethernet cable.

Step 2: Go to Setup->WAN, choose WAN Physical Type as Ethernet WAN

• WAN	WAN Configuration This page is used to configure the granometers for the WAN interface of your AOSL and/or) Ethernet Modern/Fouldr, Note: When connect the of PPPNG and PPPNA only is "Manual" the "Connect" and "Disconnect" builts will be reader.				
> WAN	WAN Obvisional Tomas	an and and a survey of the			
> Auto PVC	the entron the	Elimitat war			
> ATM	Default Route Selection:	auto @ Specified			
≻ ADSL					
LAN	VPE	VCE			
WLAN	Encapsulation:	🖷 LLC 🕑 VC-Mux			

Step 3: After Reboot, you can continue to configure in the following page.

B WAN	WAN Configuration This pape is used to configure noninest type of PPDg2 and PI	the personeters for the WAN PPSA only is "Manual", the "	i intertace of your ADGL and(or) Connect' and "Disconnect" burne	Ememet Modern/Router, Kötel When will be emable
s wan	WAN Physical Type:	-0 M	DSL WAN 🗃 Ethernet WAN	
> ATM	Default Route Selection.		🔿 Auto 🔮 Specifie	d
LAN WLAN	Channel Mode: PPPoE Broge Enable IGMP: 0 Proce	tatic IP)	Ena	ble NAPT: 🗵
	IP Protocol:		ipv4ipv0 👻	
	PPP Sellings: User Name: Type: Continuous	1	Password.	
	WAN IP Settings: Type:	· Fixed IP	ONCP	
	IP Address:		15P Gateway:	
	Submet Mask			
	DNS Server1:		DNS Server2:	
	Default Route: Unsumbered:	© Disable	# Enable	Auto

Certification FCC CE

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to pro-vide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not in-stalled and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/ TV technician for help. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This unit complies with Part 15 & 68 of FCC Rules. Operation is

subject to following two conditions:

- 1) This device may not cause harmful interference
- This device must accept any interference received, including. Interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

INFORMATION TO BE SUPPLIED TO USERS

We confirm that the following information will supplied to the users of this equipment. This information will be provided with the user's manual.

FCC REQUIREMENTS

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the exterior of the cabinet of this equipment is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. A product identifier in the format US: SX5DL01BDL4322R. If requested, this number must be provided to the telephone company.

FCC compliant telephone cord and modular plug is provided with this equipment. This equipment is designed to be connected to the

telephone network or premises wiring using a compatible modular iack that is Part 68 compliant. See Installation Instructions for details. The REN is used to determine the quantity of devices that may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. Typically, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line (as determined by the total RENs) contact the local telephone company. If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary. The telephone company may make changes to its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice so you can make the necessary modifications to maintain uninterrupted service. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.



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