## 1. Introduction

### **1.1 Minimum Requirements**

- Microsoft Windows 2000 / XP / Vista 32bit.
- Pentium-class processor (200MHz CPU or above)
- 32MB RAM or above
- Minimum 10 MB Hard Disk Drive Space
- Free USB port

### **1.2 Package Content**

- USB ADSL modem
- Installation Software CD-Rom
- USB Cable
- RJ-11 Cable

## 1.3 Features

- Compliant with Universal Serial Bus Specification Revision 1.1
- USB bus-powered; an external power supply is not required
- Supports two device drivers: Microsoft NDIS 4.0 WAN Miniport or NDIS 4.0 LAN Miniport.
- Compatible with T1.413 i2, G.DMT, and G.lite compliant CO DSLAM equipment.
- Software upgradeable.
- Includes monitoring programs for configuring the adapter and checking the status of the connection.
- Provides an RJ-11 connector for connection to the telephone line.
- Supports DSL downsteam data rates up to 9 Mbps (150 times faster than standard 56K modems)
- Supports DSL upstream data rates up to 1024 kbps.
- Support for PPP over Ethernet (PPPoE)

# 2. Using the USB ADSL Modem



## 2.1 Basic function description

1	USB port	Connects the device to the pc
2	RJ11 port	Connects the device to the phone-line
3	DATA LED	Green LED Flash - Data Transfer / Receive Green LED Off - No Data Transfer / Receive
4	DSL LED	Green LED Flash – Dialing Up state Green LED On – DSL connection Green LED Off – No DSL connection
5	PWR LED	Red LED On - USB connected Red LED Off – USB disconnected

## 2.2 Hardware and Software installation

## Hardware Installation

Connect the USB-cable to the USB-Modem.

Please connect the ADSL line to the RJ11 jack of the USB ADSL modem and the other end to the wall-outlet.

Do not connect the USB-Modem to your computer yet, wait until the software asks you to.

#### Note :

Before you start installing this device, you have to check with your ISP what kind of service (connection method) is used such as; PPPoE, PPPoA, RFC 2684 bridged or routed, IpoA.

This information can be found in the ISP-List Addendum.

If your ISP uses PPPoE or PPPoA, please select "Wan PPPoE" or "Wan PPPoA" to install the correct driver. If your ISP uses RFC 2684 Bridged or Routed over IPoA please select "LAN" to install the correct driver.

If your ISP uses PPPoA VC-Mux then during the configuration of the modem you will have to select: RFC2364 PPPoATM Null Encapsulation.

## Software Installation

Place the CDROM in the CDROM player. The Setup Menu will automatically start. If the Menu doesn't start automatically, go to My computer/CDROM player, open the CDMenu folder, and start the **CDMenu.exe** file. Please select "Install Driver".



In Windows Vista you will see the following message;



Choose "Allow"

The setup wizard will now start. Please select the correct connection-method and then click "Next".

😼 DC-206 USB ADSL	modem Setup Wizard	
Select Service	e Provider	
DSL Modern	Choose your service provider from the list below, and then click Next to continue. WAN PPPoA WAN PPPoE LAN	
	<u>N</u> ext > Can	cel

The driver of the DC-206 will be installed.



Please connect your USB ADSL modem to your PC when the setup asks you too.

💤 DC-206 USB ADSL n	nodem Setup Wizard	×
Installing		
SITECOM	The DSL Modem Setup Wizard is now installing the drivers needed by Windows to operate the modem.	1
The DSL Installer is not yet plugged in	s searching for installed hardware. If your modem is to your computer, please plug it in now.	5

You might see one of the following messages depending on using Windows XP or Vista;



Click " Continue Anyway" in Windows XP and "Install this driver anyway" in Windows Vista

When the installation has finished, you have to configure the modem.



To configure the modem;

Click "Start" -> All Programs -> Sitecom DSL Modem, Configure.

All Programs 🌔	💼 Sitecom DSL Modem	🔸 🛃 Configure
	Log Off 🚺 Turn Off Com	puter
👪 start		

Please enter the correct VPI and VCI values and select the correct Modulation. These can be found in the Addendum.

掲 DC-206 USB ADSL me	odem Setup Wizard	×
Communication	Settings	
DSL Modem	Enter your communication settings below. These settings are supplied by your service provider. VPI: 0 VCI: 36 Encapsulation: RFC 2516 PPPoE Encapsulation	
	<u>N</u> ext > <u>C</u> ancel	

Please select "Reboot" to complete the Configuration settings.



If you see the following message in Windows Vista;



please select; "This program installed correctly"

If you selected WAN PPPoE or PPPoA please follow step  ${\bf 1a}$ 

If you selected LAN please follow step  ${\bf 1b}$ 

## 1a

After the PC has been rebooted a PPP dial-up connection is available on your desktop called: PPP Dial-up Connection.

Double-click it and enter your User name and Password (See your ISP. subscription papers for this information or contact your ISP.) and click on "Dial"

Connect Site	ecom Dial-Up PPP Connection 👘 🛜
<u>U</u> ser name: <u>P</u> assword:	
Save this Me or Anyor	user name and password for the following users: ly e who uses this computer Cancel Properties Help

### Windows 2000 / XP

After the PC has restarted click START -> Control Panel -> Network and Internet Connections. Then click the "**Network Connections**" icon.

Please right click the Sitecom USB ADSL LAN Modem icon, and click "Properties".



Please select the "Internet Protocol (TCP/IP)" and click "Properties"

General Advanced		
Connect using:		
🕮 Sitecom USB AD	SL LAN Modem	Configure
This connection uses th	e following items:	
☑ 💂 QoS Packet S ☑ 🐨 AEGIS Protoco	cheduler bl (IEEE 802.1x) v3.5	5.3.0
M Thternet Protoc	ol (TCP/IP)	×
<		<u>&gt;</u>
I <u>n</u> stall	<u>U</u> ninstall	Properties
Description		
Transmission Control wide area network pr across diverse interc	Protocol/Internet Pr otocol that provides onnected networks.	otocol. The default communication
Show icon in notifica	ition area when con	nected
Notify me when this	connection has limite	ed or no connectivity

Select "Use the following IP address". Enter the IP address, Subnet mask and Default gateway provided by your ISP. For the DNS setting, please select; "Use the following DNS server addresses" and enter the Preferred and Alternate DNS server information provided by your ISP.

ou can get IP settings assigned is capability. Otherwise, you ne e appropriate IP settings.	automatically if your network supports ed to ask your network administrator for
O Obtain an IP address autom	natically
Use the following IP addres	s:
IP address:	192.168.0.100
S <u>u</u> bnet mask:	255 . 255 . 255 . 0
<u>D</u> efault gateway:	192.168.0.1
Obtain DNS server address	automatically
Use the following DNS serv	er addresses:
Preferred DNS server:	
<u>A</u> lternate DNS server:	x x v

After filling in this data please click OK. You should now have an internet connection.

## **Windows Vista**

After the PC has restarted click START -> Control Panel -> Network and Internet -> Network and Sharing Center. Under the **Tasks** selection, please click "**Manage network connections**".

Please right click the Sitecom USB ADSL LAN Modem icon and click "Properties".



#### **1b**

Please select "Internet Protocol Version 4 (TCP/IPv4)" and click "Properties"

anna at uning		
onnect using:		
Sitecom U	SB ADSL LAN Modem	
		Configure
his connection u	uses the following items:	
Client fo	r Microsoft Networks	
QoS Pa	cket Scheduler	
Pile and	Printer Sharing for Microsoft	Networks
🗹 🔺 Internet	Protocol Version 6 (TCP/IP)	v6)
🗹 🔺 Internet	Protocol Version 4 (TCP/IP)	v4)
🗹 🔺 Link-Lay	ver Topology Discovery Map	per I/O Driver
🗹 🔺 Link-Lay	ver Topology Discovery Res	ponder
		Properties
l <u>n</u> stall	Uninstall	
I <u>n</u> stall Description	Uninstall	
I <u>n</u> stall Description Transmission C	Uninstall	tocol. The default
Install Description Transmission C wide area netw	Uninstall Control Protocol/Internet Protocol that provides of	tocol. The default
Install Description Transmission C wide area netw across diverse	Control Protocol/Internet Provides co interconnected networks.	tocol. The default communication

Select "Use the following IP address" and then the IP address, Subnet mask and Default gateway provided by your ISP. For the DNS setting, please select "Use the following DNS server addresses" and enter the Preferred and Alternate DNS server information provided by your ISP.

eneral	
You can get IP settings assigne this capability. Otherwise, you for the appropriate IP settings.	ed automatically if your network supports need to ask your network administrator
Obtain an IP address auto	omatically
• Use the following IP addre	255:
IP address:	192.168.0.100
Subnet mask:	255.255.255.0
Default gateway:	192.168.0.1
Obtain DNS server addres	ss automatically
• O Use the following DNS ser	ver addresses:
Preferred DNS server:	1.2.4.4

After filling in this data please click OK. You should now have an internet connection.

## Addendum

### **ISP** list

Alice Aruba Libero McLink Smart ADSL Telecom (Indirizzo IP Fisso) Tele2 TIN.IT Tiscali VIRGILIO Fastweb Light Panservice

- 8 35 PPPoA NULL
- 8 35 PPPoA NULL
- 8 35 PPPoA NULL
- 8 75 PPPoA NULL
- 8 35 RFC2684 Routed IP LLC
- 8 35 PPPoA NULL
- 8 36 RFC2684 Bridged IP LLC
- 8 35 PPPoA NULL