



CABLE

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TCW770 - Wireless Gateway

User manual

THOMSON

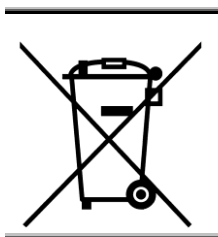
Chapter 1: Connections and Setup

CAUTION

Disconnect power before servicing.

CAUTION

To ensure reliable operation and to prevent overheating, provide adequate ventilation for this modem and keep it away from heat sources. Do not locate near heat registers or other heat-producing equipment. Provide for free air flow around the Wireless Gateway and its power supply.



This symbol means that your inoperative electronic appliance must be collected separately and not mixed with the household waste. The European Union has implemented a specific collection and recycling system for which producers are responsible.

This appliance has been designed and manufactured with high quality materials and components that can be recycled and reused. Electrical and electronic appliances are liable to contain parts that are necessary in order for the system to work properly but which can become a health and environmental hazard if they are not handled or disposed of in the proper way. Consequently, please do not throw out your inoperative appliance with the household waste.

If you are the owner of the appliance, you must deposit it at the appropriate local collection point or leave it with the vendor when buying a new appliance.

- If you are a professional user, please follow your supplier's instructions.

- If the appliance is rented to you or left in your care, please contact your service provider.

Help us protect the environment in which we live !

NORTH AMERICAN CABLE INSTALLER:

This reminder is provided to call your attention to Article 820.93 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

Important Information

EURO-DOCSIS compliant

This product was designed according to Data over Cable Service Interface Specifications.

Operating Information

Operating Temperature: 0° C to 40° C (32° F ~ 104° F)

Storage Temperature: -20° C to 70° C (-4° F ~ 158° F)

If you purchased this product at a retail outlet, please read the following:

Product Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. The numbers are located on the back of the product.

Model No. _____ Serial No _____

Purchase Date: _____ Dealer/Address/Phone: _____

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Chapter 1: Connections and Setup

Chapter 1: Connections and Setup

Introduction

Wireless Gateway Features

- CableLabs DOCSIS /EuroDOCSIS 1.0/1.1/2.0/3.0 Standard Compliant
- 4 x Standard RJ-45 connector for 10/100/1000 BaseT Ethernet with auto-negotiation and MDIX functions; Support maximum Ethernet cable length up to 100m (Category 5)
- 1 x Master USB connector socket comply to USB2.0
- WIFI interface 802.11n; 2,4GHz or 5 GHz with at least 2x2 antennas.
- Transparent bridging for IP traffic
- Transparent bridging between CPE and RF interface
- Transparent bridging between Ethernet and USB interface when USB is populated on the board
- RSA and 56 bit DES data encryption security
- SNMP network management support
- Remote operating firmware downloading
- Support Web pages and private DHCP server for status monitoring
- MPEG over IP encapsulation
- Power management
- Network Protocol: IP/TCP/UDP/ARP/ICMP/DHCP/FTP/TFTP/SNMP/HTTP
- Syslog (remote)
- Event Log (local)
- Clear LED display
- Reset switch in order to restore factory parameters
- Two detachable SMA antennas connectors (optional)

What's on the CD-ROM

Insert the Wireless Gateway CD-ROM into your CD-ROM drive to view troubleshooting tips, the internal diagnostics, and other valuable information.

CD-ROM Contents:

- Electronic copy of this user's guide in additional languages (PDF format)
- Adobe Acrobat Reader — application you can load to read PDF format, if you don't have it loaded already
- Links to Thomson web site

Chapter 1: Connections and Setup

EURO-DOCSIS is trademarks of Cable Television Laboratories, Inc. Computer Requirements

For the best possible performance from your Wireless Gateway, your personal computer must meet the following minimum system requirements (note that the minimum requirements may vary by cable companies):

	IBM PC COMPATIBLE	MACINTOSH**
CPU	Pentium preferred	PowerPC or higher
System RAM	16MB (32MB preferred)	24MB (32MB preferred)
Operating System	Windows* NT/2000/Me/XP/Vista/7, Linux	Mac OS** 7.6.1 or higher
Video	VGA or better (SVGA preferred)	VGA or better (SVGA built-in preferred)
Ethernet	10 /100 /1000 Base-T	10 /100 /1000 Base-T
	An Ethernet card makes it possible for your computer to pass data to and from the internet. You must have an Ethernet card and software drivers installed in your computer. You will also need a standard Ethernet cable to connect the Ethernet card to your Wireless Gateway.	
Software	<ul style="list-style-type: none">• A TCP/IP network protocol for each machine• Microsoft Internet Explorer 4.0 or later or Netscape Navigator 4.0 or later. (5.0 and 4.7 or later, respectively, are strongly recommended.)	

* Windows is a trademark of Microsoft Corporation.

** Macintosh and the Mac OS are trademarks of Apple Computer, Inc.

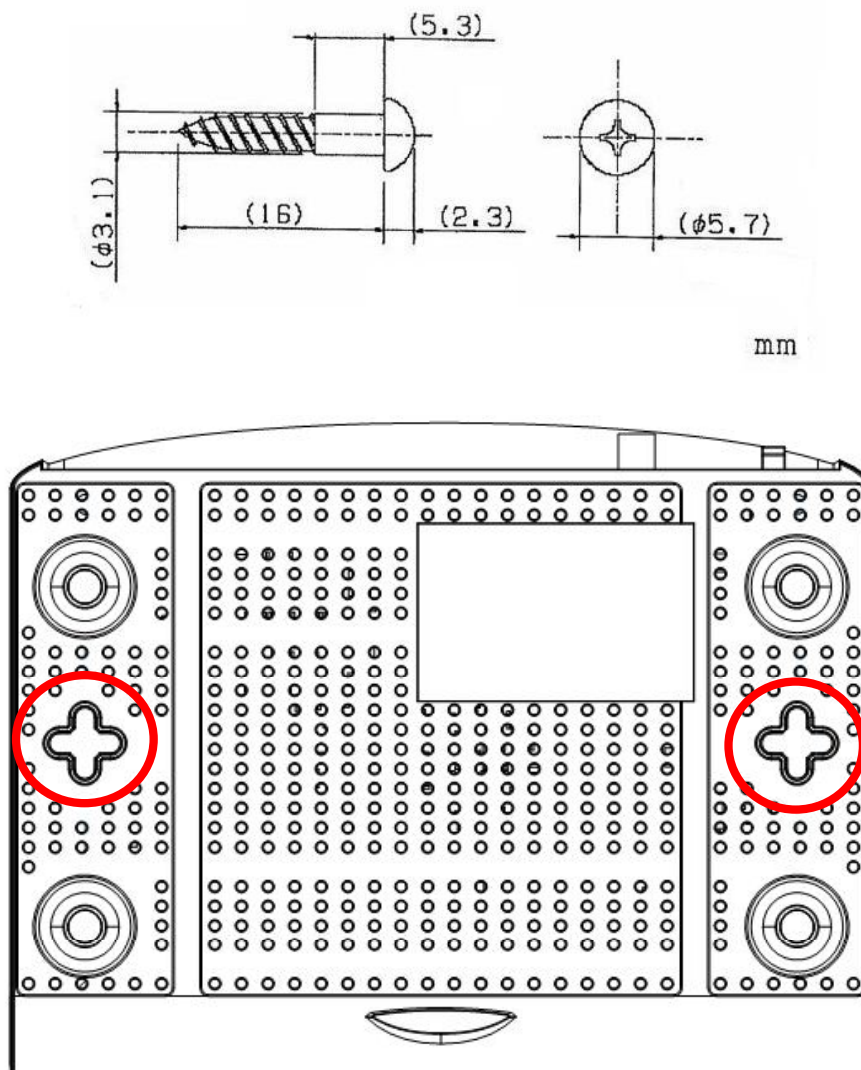
Chapter 1: Connections and Setup

Wall Mounting

This article will show the user through the process of wall-mounting the Wireless Gateway

The Adapter has two wall-mount slots on its back panel.

Two screws are needed to mount the Adapter.



To do this:

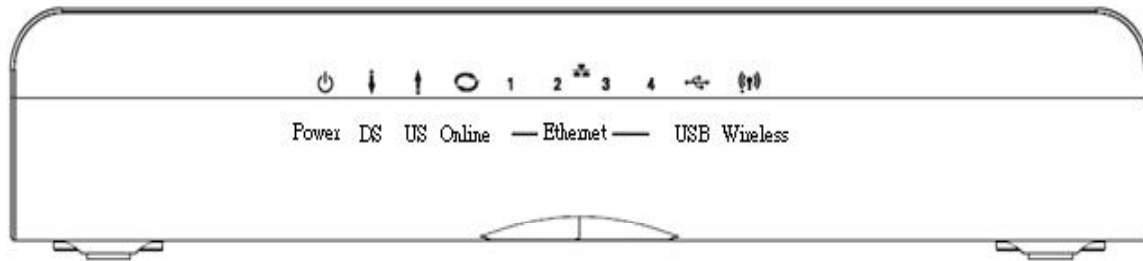
1. Ensure that the wall you use is smooth, flat, dry and sturdy and use the 2 screw holes which are 101.6 mm apart from each other.
2. Fix the screws into wall, leaving their heads 3 mm (0.12 inch) clear of the wall surface.
3. Remove any connections to the unit and locate it over the screw heads. When in line, gently push the unit on to the wall and move it downwards to secure.

Chapter 1: Connections and Setup

Wireless Gateway TCW770 Overview

Front Panel

The following illustration shows the front panel of the TCW770 gateway:



Reset Button behavior

- a) Push and hold the button between 0 and 5 seconds → Reboot the device
- b) Between 6 and 10 seconds → Display the channel bonding status for DS and US
Note: This is the same as the above Channel Bonding display after the registration
- c) After 11 seconds → Perform the factory reset.

WPS LED is a backlight in WPS button

- d) When WiFi is on, the LED is blinking
- e) When WPS association is on, the LED is turned on

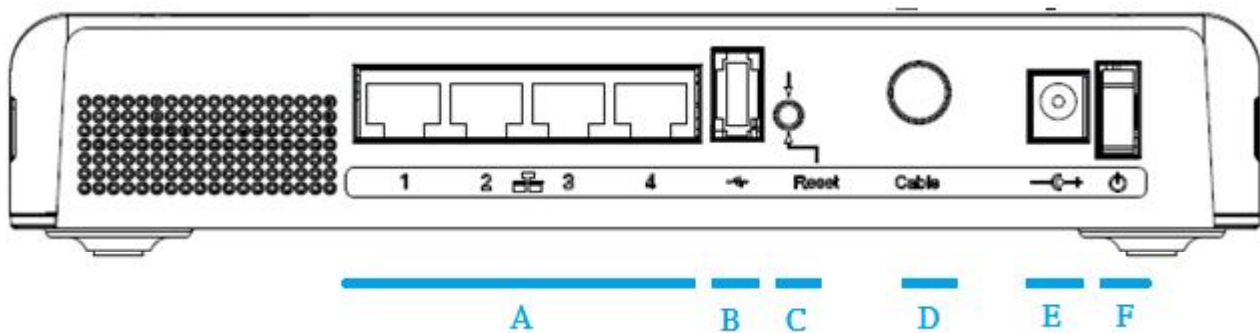
Chapter 1: Connections and Setup

The LEDs on the front panel are described in the table below (from left to right):

TCW770	Power	Internet			Ethernet				USB	Wireless	Description
		DS	US	Online	1	2	3	4			
Boot-up Operation	ON	ON	ON	ON	ON	ON	ON	ON	X	X	Power on 0.25 sec
	X	FLASH	FLASH	FLASH	X	X	X	X	X	X	From power ON to system initialization complete
DOCSIS Start-up Operation	ON	FLASH	OFF	OFF	X	X	X	X	X	X	During DS scanning and acquiring SYNC
	ON	ON	FLASH	OFF	X	X	X	X	X	X	From SYNC completed, receiving UCD to ranging completed
	ON	ON	ON	FLASH	X	X	X	X	X	X	During DHCP, configuration file download,
	ON	ON	ON	ON	X	X	X	X	X	X	Operational (NACO=ON)
	ON	FLASH	FLASH	OFF	X	X	X	X	X	X	Operational (NACO=OFF)
Channel Bonding Operation	FLASH	FLASH	FLASH	FLASH	X	X	X	X	X	X	Wait registration with all DS and all US – Lights Flash sequentially from the right to left Minimum duration 3 seconds
	X	X	X	X	X	X	X	X	X	X	From 1 to 4 DS, from 1 to 4 LEDs are ON. From 5 to 8 DS, From 1 to 4 LEDs are flashing Duration 3 seconds
	OFF	X	X	OFF	X	X	X	X	X	X	From 1 to 2 US, from 1 to 2 LEDs are ON. From 3 to 4 US, From 1 to 2 LEDs are flashing Duration 3 seconds.
	FLASH	FLASH	FLASH	FLASH	X	X	X	X	X	X	Wait registration with all DS and all US – Lights Flash sequentially from the left to right Minimum duration 3 seconds
CPE Operation	ON	X	X	X	OFF ON FLASH	OFF ON FLASH	OFF ON FLASH	OFF ON FLASH	X	X	No Ethernet Link Ethernet Link TX/RX Ethernet Traffic
	ON	X	X	X	X	X	X	X	X	OFF ON FLASH	Wireless is disable Wireless initiate success or enable TX/RX Wireless Traffic
	ON	X	X	X	X	X	X	X	X	X	No USB Link USB Link TX/RX USB Traffic
	ON	FLASH	FLASH	ON	X	X	X	X	X	X	A software download and while updating the FLASH memory

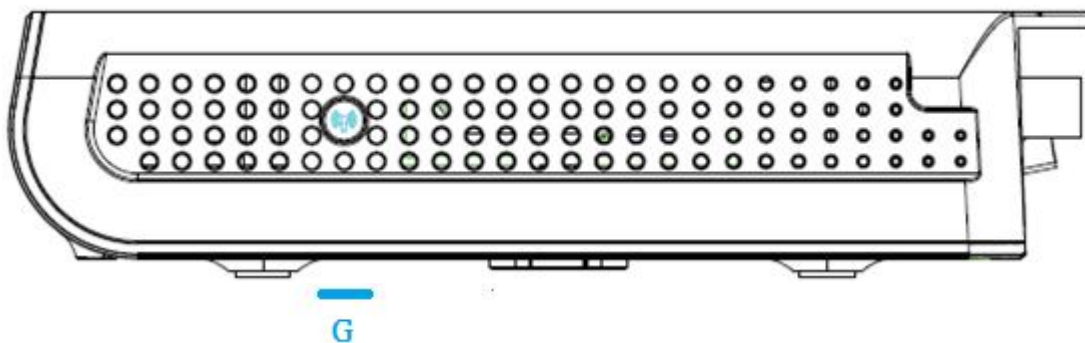
Chapter 1: Connections and Setup

Rear Panel



- | | | |
|---|-------------------|--|
| A | ETHERNET 1 2 3 4: | 4x Ethernet 10/100/1000 Mbps RJ-45 connectors |
| B | USB Host: | 1x USB 2.0 Connector |
| C | Reset: | 1x Reset or reset to factory default this Wireless Gateway |
| D | CABLE: | 1x F-Connector for the coax cable |
| E | 12VDC : | 1x Power connector to connect the DC power supply |
| F | Power switch: | 1x switch to power on/off this Wireless Gateway |

Side Panel



- | | | |
|---|---------------------------|--|
| G | WPS & WiFi on/off button: | 1x button with two features:
to activate/disable the WiFi, to execute a WPS association |
|---|---------------------------|--|

Chapter 1: Connections and Setup

Relationship among the Devices

What the Modem Does

The Wireless Gateway provides high-speed Internet access as well as cost-effective fax/modem services over residential, commercial, and education subscribers on public and private networks via an existing CATV infrastructure. The IP traffic can transfer between the Wireless Gateway and EURO-DOCSIS compliant head-end equipment. The data security secures upstream and downstream communications.

What the Modem Needs to Do Its Job

- **The Right Cable Company:** Make sure your local cable company provides data services that use cable TV industry-standard EURO-DOCSIS compliant technology.

Contact Your Local Cable Company

You will need to contact your cable company to establish an Internet account before you can use your gateway. You should have the following information ready (which you will find on the sticker on the gateway):

- The serial number
- The model number
- The Cable Modem (CM) Media Access Control (MAC) address
- SSID, WEP/WPA-PSK information

Chapter 1: Connections and Setup

Please verify the following with the cable company

- The cable service to your home supports EURO-DOCSIS compliant two-way modem access.
- You have a cable outlet near your PC and it is ready for Cable Modem service.

Note: It is important to supply power to the modem at all times. Keeping your modem plugged in will keep it connected to the Internet. This means that it will always be ready whenever you need.

Important Information

Your cable company should always be consulted before installing a new cable outlet. Do not attempt any rewiring without contacting your cable company first.

Please verify the following on the Wireless Gateway

The on/off button on the rear panel must be in the ON mode = on “1”

Chapter 1: Connections and Setup

Connecting the Wireless Gateway to a Single Computer

This section of the manual explains how to connect your Wireless Gateway to the Ethernet port on your computer and install the necessary software. Please refer to Figure 1 to help you connect your Digital Cable Modem for the best possible connection.

Attaching the Cable TV Wire to the Wireless Gateway

1. Locate the Cable TV wire. You may find it one of three ways:
 - a. Connected directly to a TV, a Cable TV converter box, or VCR. The line will be connected to the jack which should be labeled either IN, CABLE IN, CATV, CATV IN, etc.
 - b. Connected to a wall-mounted cable outlet.
 - c. Coming out from under a baseboard heater or other location. See Figure 1 for the wiring example.

Notes: For optimum performance, be sure to connect your Wireless Gateway to the first point the cable enters your home. The splitter must be rated for at least 1GHz.

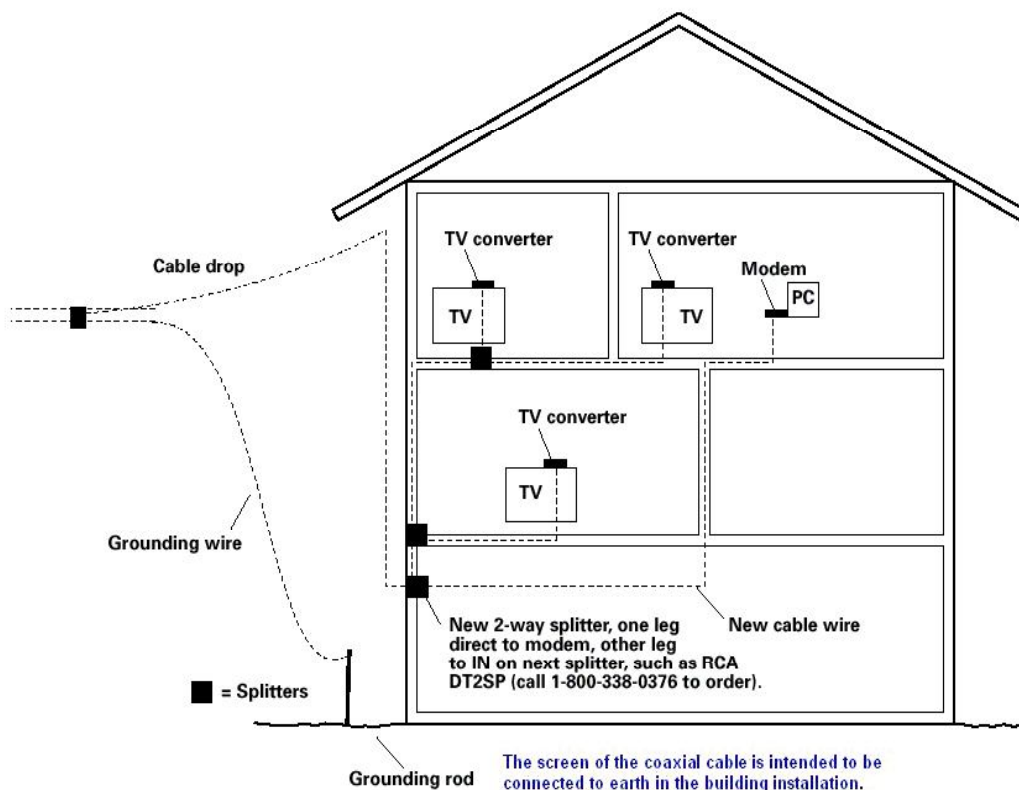


Fig. 1: Basic Home Wiring

Chapter 1: Connections and Setup

Important Connection Information

The Wireless Gateway supports 4 Ethernet connections simultaneously.

Below are important points to remember before you connect the Wireless Gateway.

Ethernet Connection to a Computer

Make the connection to the modem in the following sequence:

1. Connect one end of the coaxial cable to the cable connection on the wall, and the other end to the CABLE jack on the Wireless Gateway.
2. Connect the plug from the DC power supply into the POWER DC ADAPTER jack on the Cable Wireless Gateway, and plug the power supply into a DC outlet.

Note: Use only the power supply that accompanied this unit. Using other adapters may damage the unit.

3. Connect one end of the Ethernet cable (straight-wired, see below) to the Ethernet port on the back of your computer, and the other end to the ETHERNET port on the Wireless Gateway.

Make sure that the Ethernet cable is straight-wired (not “mull” or crossover-wired). However, you will need a crossover-type cable if you are connecting the modem to a hub, or a hub within a port switch that provides the same function.

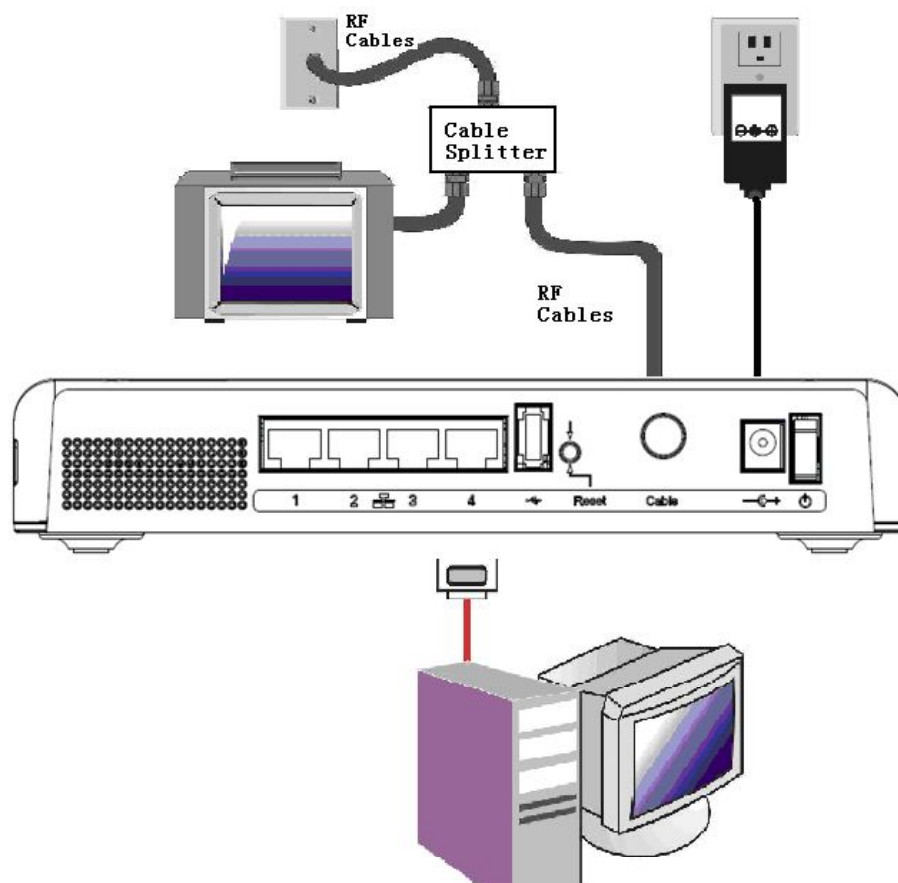


Fig.2: Ethernet Connection

Chapter 1: Connections and Setup

Connecting More Than One Computer to the Wireless Gateway

If you need to connect more than one computer to TCW770, simply connect the computers to the Ethernet ports on the rear panel.

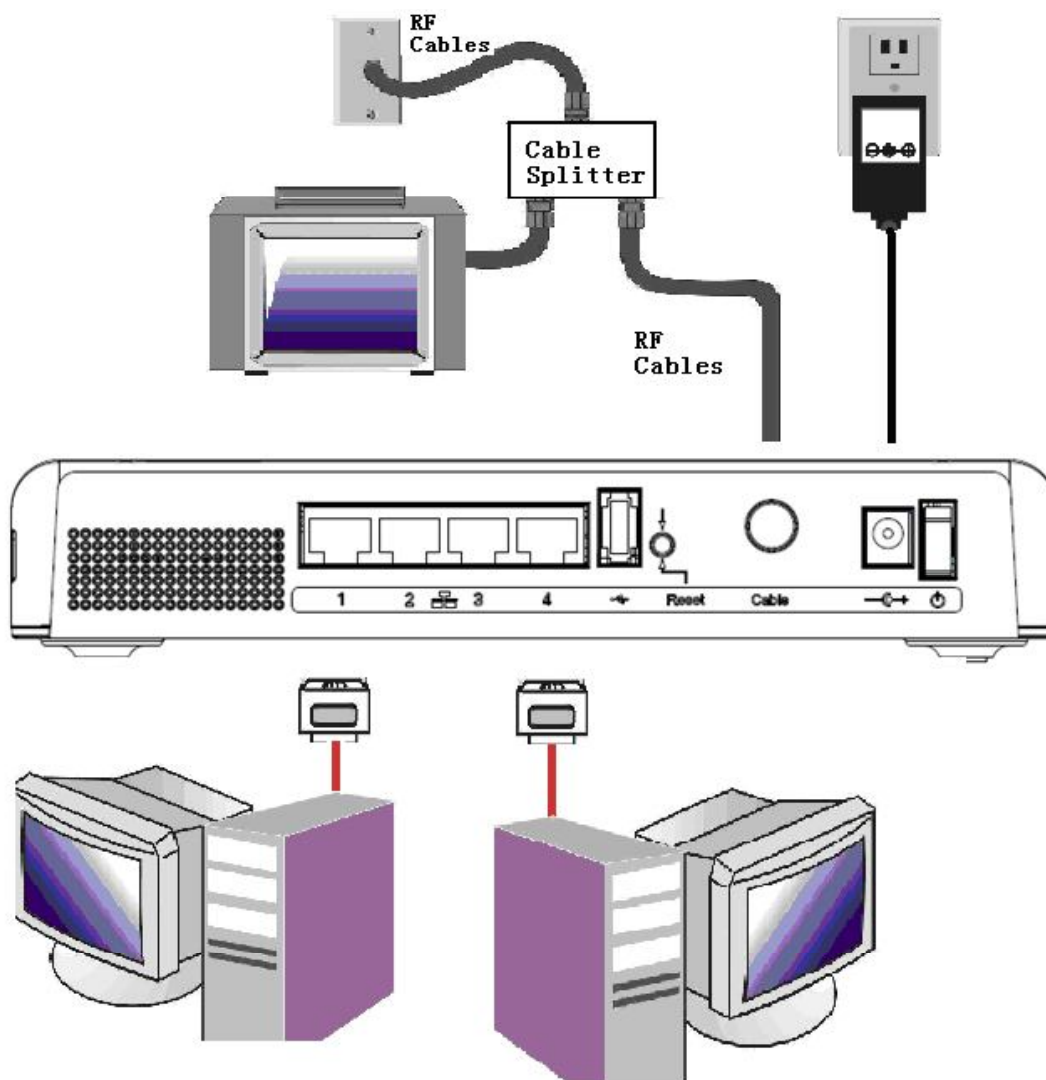


Fig.3: Multiple-PC Connection

Note: You may need to check with your service provider in order to connect multiple computers.

Chapter 1: Connections and Setup

Turning on the Wireless Gateway

After installing the Wireless Gateway and turn it on for the first time (and each time the modem is reconnected to the power), it goes through several steps before it can be used. Each of these steps is represented by a different pattern of flashing lights on the front of the modem.

Note: All indicators flash once before the initialization sequence.

If all of the lights are flashing sequentially, it means the Wireless Gateway is automatically updating its system software. Please wait for the lights to stop flashing. You cannot use your modem during this time. Do not remove the power supply or reset the Wireless Gateway during this process.

Chapter 2: WEB Configuration

To make sure that you can access the Internet successfully, please check the following first.

1. Make sure the Ethernet connection between the Wireless Gateway and your computer is OK.
2. Make sure the TCP/IP protocol is set properly.
3. Subscribe to a Cable Company.

Accessing the Web Configuration

The **Wireless Gateway** offers local management capability through a built in HTTP server and a number of diagnostic and configuration web pages. You can configure the settings on the web page and apply them to the device.

Once your host PC is properly configured; please proceed as follows:

1. Start your web browser and type the private IP address of the Wireless Gateway on the URL field: **192.168.0.1**.
2. After connecting to the device, you will be prompted to enter username and password. By default, the username is “ ” and the password is “**admin**”.
3. We strongly recommend to change the default password “admin” on the first connection :

Please define a username and password for administration .

This message will be display until, it will be not change



Fig. 4

If you login successfully, the main page will appear.

Chapter 2: WEB Configuration

Outline of Web Manager

The main screen will be shown as below.

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WARNING! The password must be changed to enforce security.
[Click here to change the settings](#)

Administration

Status - Network - Advanced - Firewall - Parental Control - Wireless

Status

Password : This page allows configuration of administration access privileges and the ability to restore factory defaults to the system.

User Name

Password

Re-Enter Password

Restore Factory Defaults ☐ Yes ☒ No

Software
Connection
Password
Diagnostics
Event Log
Initial Scan
Backup/Restore

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Fig. 5

- **Main Menu:** the hyperlinks on the top of the page.
- **Title:** the sidebar on the left side of the page indicates the title of this management interface, e.g., Software in this example
- **Main Window:** the current workspace of the web management, containing configuration or status information

For easy navigation, the pages are organized in groups, with group names main menu, individual page names within each group are provided in the sidebar. To navigate to a page, click the group hyperlink at the top, then the page title on the sidebar.

Your cable company may not support the reporting of some items of information listed on your gateway's internal web pages. In such cases, the information field appears blank. This is normal.

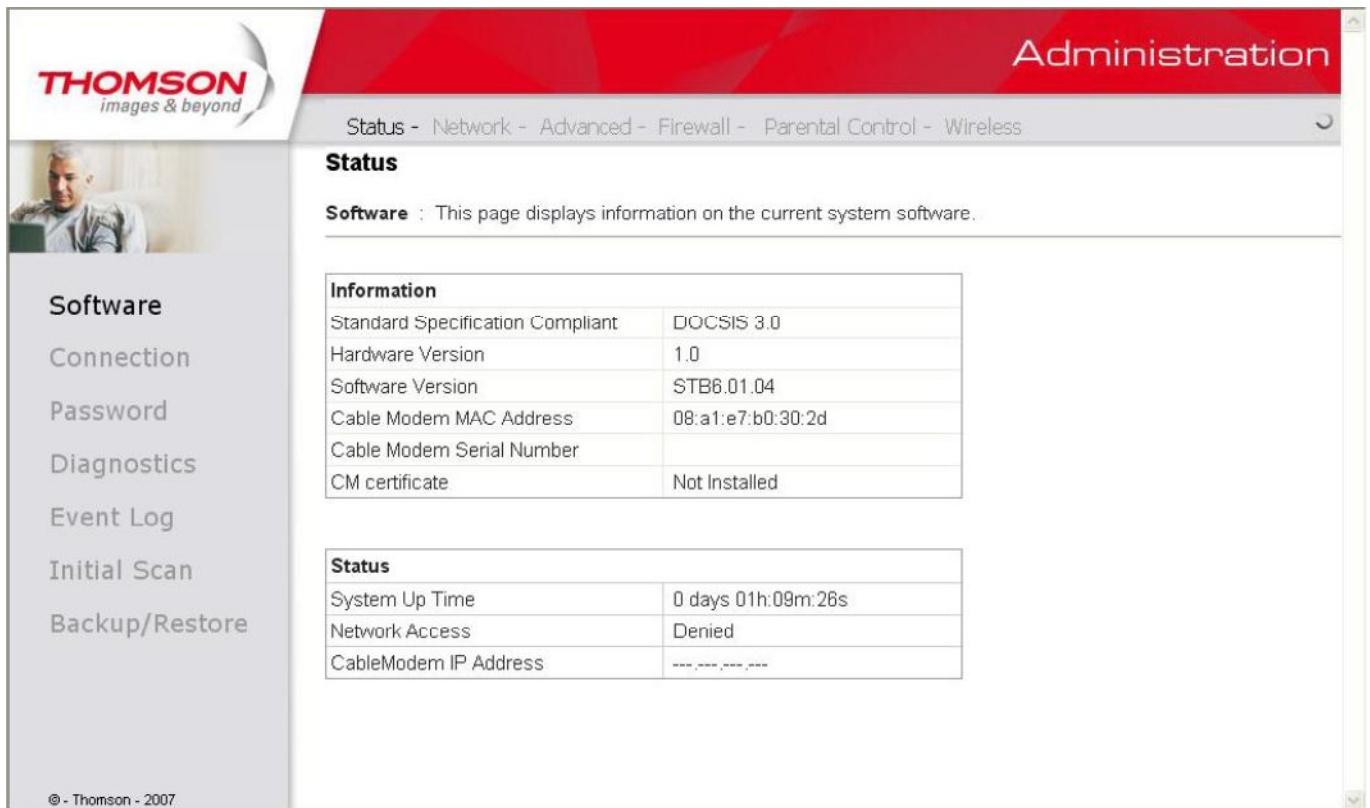
Chapter 2: WEB Configuration

Status

1. Software

The information section shows the hardware and software information about your gateway.

The status section of this page shows how long your gateway has operated since last time being powered up, and some key information the Cable Modem received during the initialization process with your cable company. If Network Access shows “Allowed,” then your cable company has configured your gateway to have Internet connectivity. If not, you may not have Internet access, and should contact your cable company to resolve this.



The screenshot shows the Thomson gateway Administration page. The top navigation bar is red with the word "Administration" in white. Below it, a breadcrumb trail reads "Status - Network - Advanced - Firewall - Parental Control - Wireless". The main content area is titled "Status" and "Software". A description states: "Software : This page displays information on the current system software." There are two tables: "Information" and "Status".

Information	
Standard Specification Compliant	DOCSIS 3.0
Hardware Version	1.0
Software Version	STB6.01.04
Cable Modem MAC Address	08:a1:e7:b0:30:2d
Cable Modem Serial Number	
CM certificate	Not Installed

Status	
System Up Time	0 days 01h:09m:26s
Network Access	Denied
CableModem IP Address	---,---,---


On the left side, there is a vertical menu with the following items: Software, Connection, Password, Diagnostics, Event Log, Initial Scan, and Backup/Restore. The Thomson logo "THOMSON images & beyond" is at the top left, and a copyright notice "© - Thomson - 2007" is at the bottom left.


Fig. 6

Chapter 2: WEB Configuration

2. Connection

This page reports current connection status containing startup procedures, downstream and upstream status, CM online information, and so on. The information can be useful to your cable company's support technician if you're having problems.





Software

Connection

Password

Diagnostics

Event Log

Initial Scan

Backup/Restore

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Administration

Status - Network - Advanced - Firewall - Parental Control - Wireless

Status

Connection : This page displays information on the status of the cable modem's HFC and IP network connectivity.

Startup Procedure

Procedure	Status	Comment
Acquire Downstream Channel		In Progress
Connectivity State	In Progress	Not Synchronized
Boot State	In Progress	Unknown
Configuration File	In Progress	
Security	Disabled	Disabled

Downstream Channels

Channel	Lock Status	Modulation	Channel ID	Symbol rate	Frequency	Power	SNR
1	Not Locked	QAM64	0	5056941		-49.6 dBmV	28.3 dB
2	Not Locked	Unknown	0	Unknown		0.0 dBmV	0.0 dB
3	Not Locked	Unknown	0	Unknown		0.0 dBmV	0.0 dB
4	Not Locked	Unknown	0	Unknown		0.0 dBmV	0.0 dB
5	Not Locked	Unknown	0	Unknown		0.0 dBmV	0.0 dB
6	Not Locked	Unknown	0	Unknown		0.0 dBmV	0.0 dB
7	Not Locked	Unknown	0	Unknown		0.0 dBmV	0.0 dB
8	Not Locked	Unknown	0	Unknown		0.0 dBmV	0.0 dB

Upstream Channels

Channel	Lock Status	Modulation	Channel ID	Symbol Rate	Frequency	Power
1	Not Locked	Unknown	0	0 Ksym/sec		0.0 dBmV
2	Not Locked	Unknown	0	0 Ksym/sec		0.0 dBmV
3	Not Locked	Unknown	0	0 Ksym/sec		0.0 dBmV
4	Not Locked	Unknown	0	0 Ksym/sec		0.0 dBmV

CM IP Address	Duration	Expires
---	D: -- H: -- M: -- S: --	---

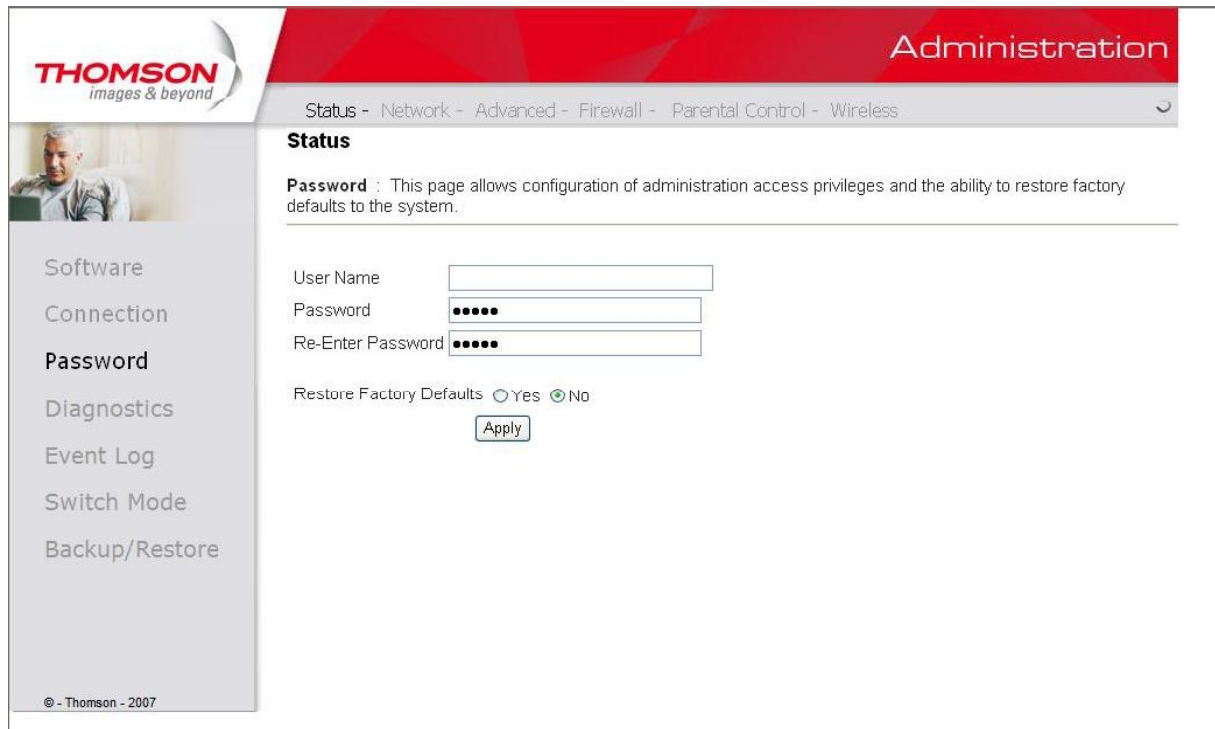
Current System Time: -----

Fig. 7

Chapter 2: WEB Configuration

3. Password

This page is used to change the password that enables you to access the gateway web pages next time. The default User ID is “ ”(*EMPTY*), and the password is “*admin*”. The password can be a maximum of 8 characters and is case sensitive. In addition, this page can be used to restore the gateway to its original factory settings. Use this with caution, as all the settings you have made will be lost. To perform this reset, set **Restore Factory Defaults** to **Yes** and click **Apply**. This has the same effect as a factory reset using the rear panel reset switch, where you hold on the switch for 15 seconds, then release it.



The screenshot displays the Thomson Administration web interface. The top navigation bar is red with the 'Administration' title. Below it, a breadcrumb trail shows 'Status - Network - Advanced - Firewall - Parental Control - Wireless'. The left sidebar contains a menu with options: Software, Connection, Password (highlighted), Diagnostics, Event Log, Switch Mode, and Backup/Restore. The main content area is titled 'Status' and contains a description: 'Password : This page allows configuration of administration access privileges and the ability to restore factory defaults to the system.' Below this, there are three input fields: 'User Name', 'Password', and 'Re-Enter Password', each followed by a text box. The 'Password' and 'Re-Enter Password' fields are masked with dots. Below the input fields, there is a 'Restore Factory Defaults' section with two radio buttons: 'Yes' and 'No'. The 'No' radio button is selected. An 'Apply' button is located at the bottom of the form. The Thomson logo and 'images & beyond' tagline are visible in the top left corner. The footer shows '© - Thomson - 2007'.

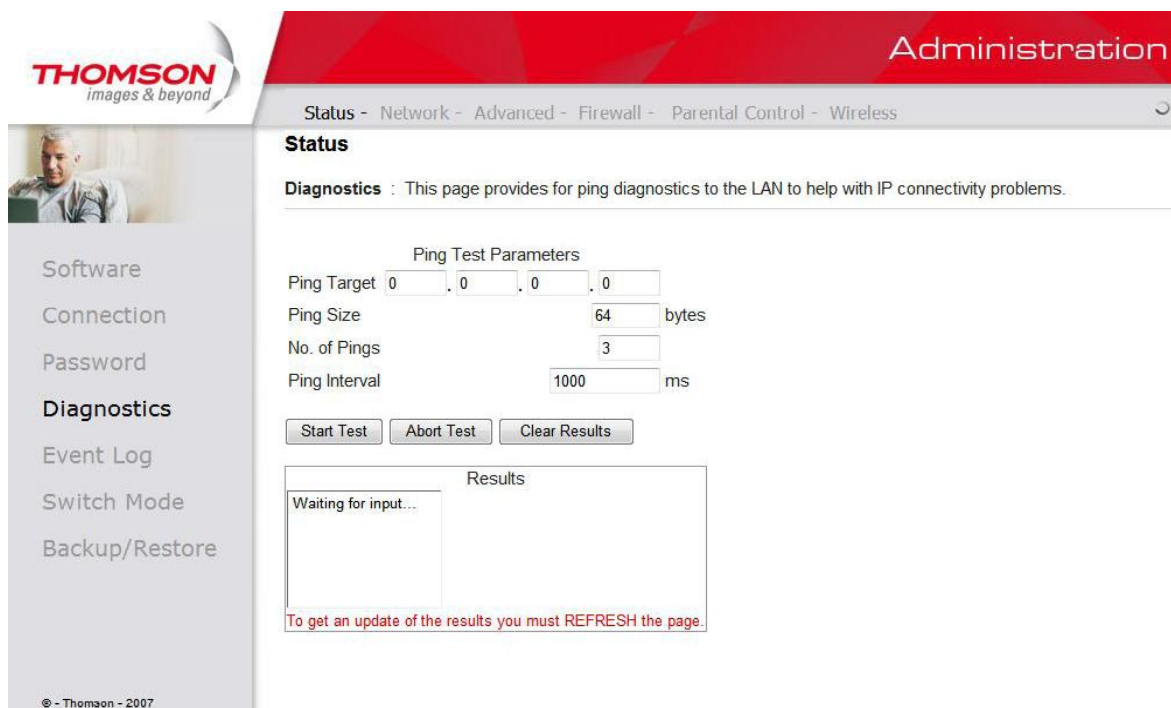
Fig. 8

Chapter 2: WEB Configuration

4. Diagnostics

This page offers basic diagnostic tools for you to utilize when connectivity problems occur. When you ping an Internet device, you send a packet to its TCP/IP stack, and it sends one back to yours. To use the ping Test, enter the information needed and press **Start Test**; the Result will be displayed in the lower part of the window. Press **Abort Test** to stop, and **Clear Results** to clear the result contents.

Note: Firewalls may cause pings to fail but still provide you TCP/IP access to selected devices behind them. Keep this in mind when pinging a device that may be behind a firewall. Ping is most useful to verify connectivity with PCs have no firewall, such as the PCs on your LAN side.



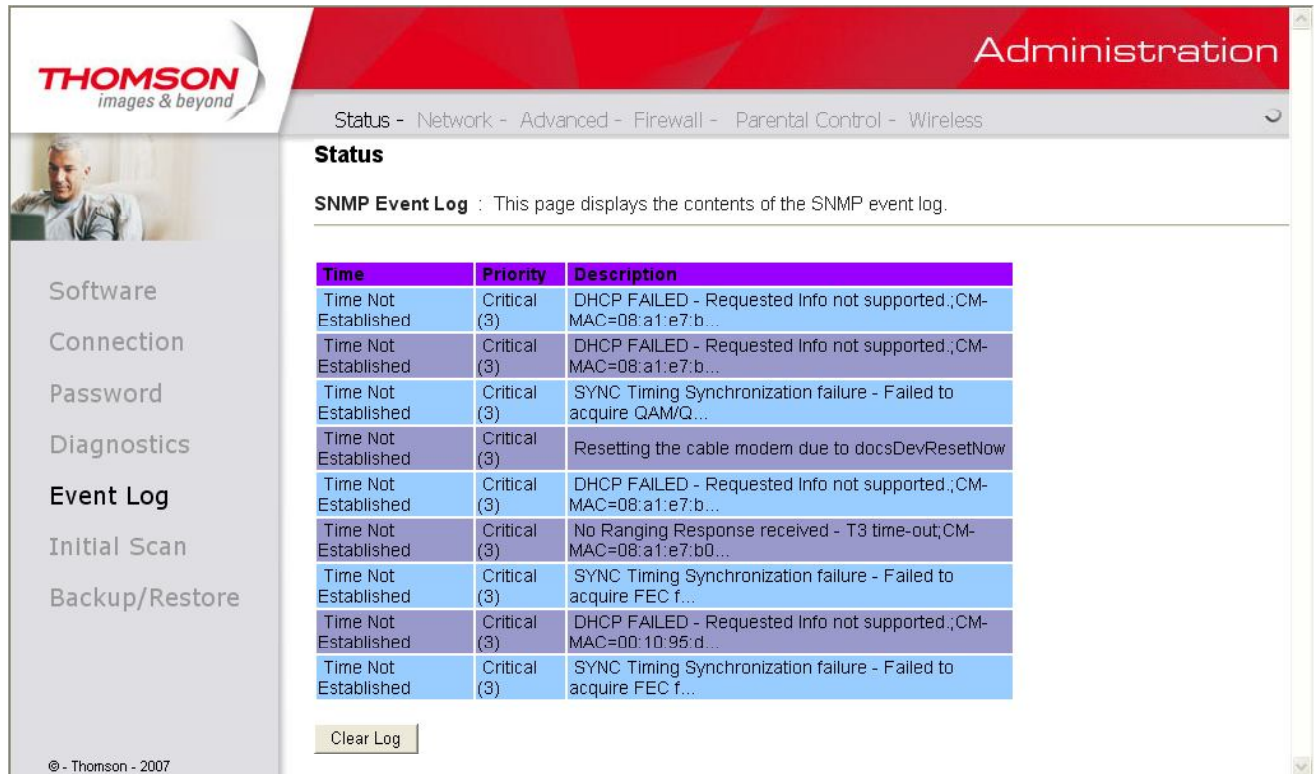
The screenshot displays the Thomson Administration web interface. The top navigation bar is red with the word "Administration" in white. Below it, a breadcrumb trail shows: Status - Network - Advanced - Firewall - Parental Control - Wireless. The main content area is titled "Status" and "Diagnostics". The "Diagnostics" section explains that the page provides ping diagnostics to the LAN to help with IP connectivity problems. It features a "Ping Test Parameters" section with input fields for Ping Target (0.0.0.0), Ping Size (64 bytes), No. of Pings (3), and Ping Interval (1000 ms). Below these fields are three buttons: "Start Test", "Abort Test", and "Clear Results". A "Results" section is shown with a text box containing "Waiting for input...". A red message at the bottom states: "To get an update of the results you must REFRESH the page." The left sidebar contains a menu with options: Software, Connection, Password, Diagnostics (highlighted), Event Log, Switch Mode, and Backup/Restore. The Thomson logo and "images & beyond" tagline are in the top left, and a copyright notice "© - Thomson - 2007" is at the bottom left.

Fig. 9

Chapter 2: WEB Configuration

5. Event Log

This page displays the contents of the SNMP event log. Press “**Clear Log**” button to clear the logs.



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Administration

Status - Network - Advanced - Firewall - Parental Control - Wireless

Status

SNMP Event Log : This page displays the contents of the SNMP event log.

Time	Priority	Description
Time Not Established	Critical (3)	DHCP FAILED - Requested Info not supported.;CM-MAC=08:a1:e7:b...
Time Not Established	Critical (3)	DHCP FAILED - Requested Info not supported.;CM-MAC=08:a1:e7:b...
Time Not Established	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/Q...
Time Not Established	Critical (3)	Resetting the cable modem due to docsDevResetNow
Time Not Established	Critical (3)	DHCP FAILED - Requested Info not supported.;CM-MAC=08:a1:e7:b...
Time Not Established	Critical (3)	No Ranging Response received - T3 time-out;CM-MAC=08:a1:e7:b0...
Time Not Established	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire FEC f...
Time Not Established	Critical (3)	DHCP FAILED - Requested Info not supported.;CM-MAC=00:10:95:d...
Time Not Established	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire FEC f...

Clear Log

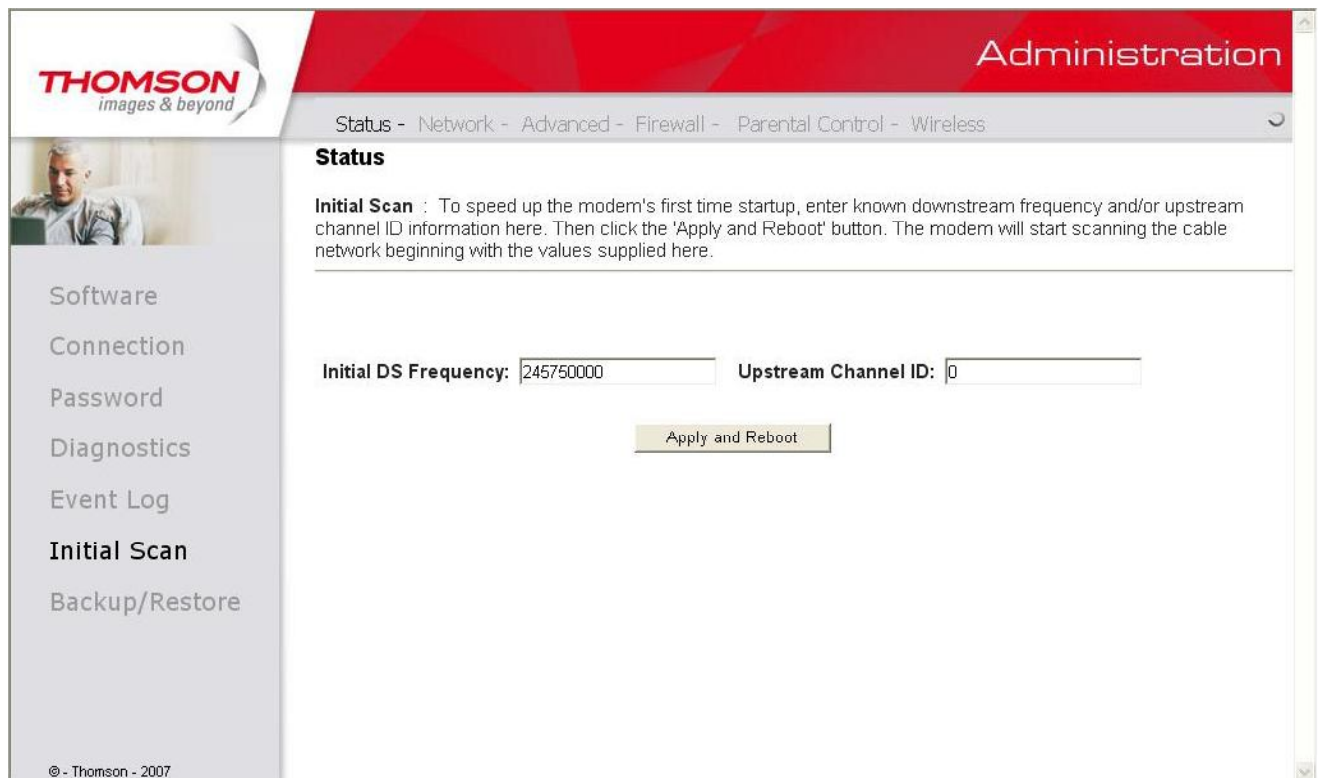
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Fig. 10

Chapter 2: WEB Configuration

6. Initial Scan

To speed up the modem's first time startup, enter known downstream frequency and/or upstream channel ID information here. Then click “**Apply and Reboot**” button to start scanning the cable network beginning with the values supplied here.



The screenshot displays the Thomson Administration web interface. The top navigation bar is red with the Thomson logo on the left and the word "Administration" on the right. Below the navigation bar, a breadcrumb trail shows: Status - Network - Advanced - Firewall - Parental Control - Wireless. The main content area is titled "Status" and contains a description of the "Initial Scan" feature. Below the description, there are two input fields: "Initial DS Frequency" with the value "245750000" and "Upstream Channel ID" with the value "0". A button labeled "Apply and Reboot" is positioned below these fields. On the left side of the interface, a vertical menu lists various configuration options: Software, Connection, Password, Diagnostics, Event Log, Initial Scan (which is highlighted), and Backup/Restore. The footer of the page indicates "© - Thomson - 2007".

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images & beyond

Administration

Status - Network - Advanced - Firewall - Parental Control - Wireless

Status

Initial Scan : To speed up the modem's first time startup, enter known downstream frequency and/or upstream channel ID information here. Then click the 'Apply and Reboot' button. The modem will start scanning the cable network beginning with the values supplied here.

Initial DS Frequency: Upstream Channel ID:

Apply and Reboot

Software
Connection
Password
Diagnostics
Event Log
Initial Scan
Backup/Restore

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Fig. 11

Chapter 2: WEB Configuration

7. Backup/Restore

This page allows you to save your current settings locally on your PC, or restore settings previously saved.

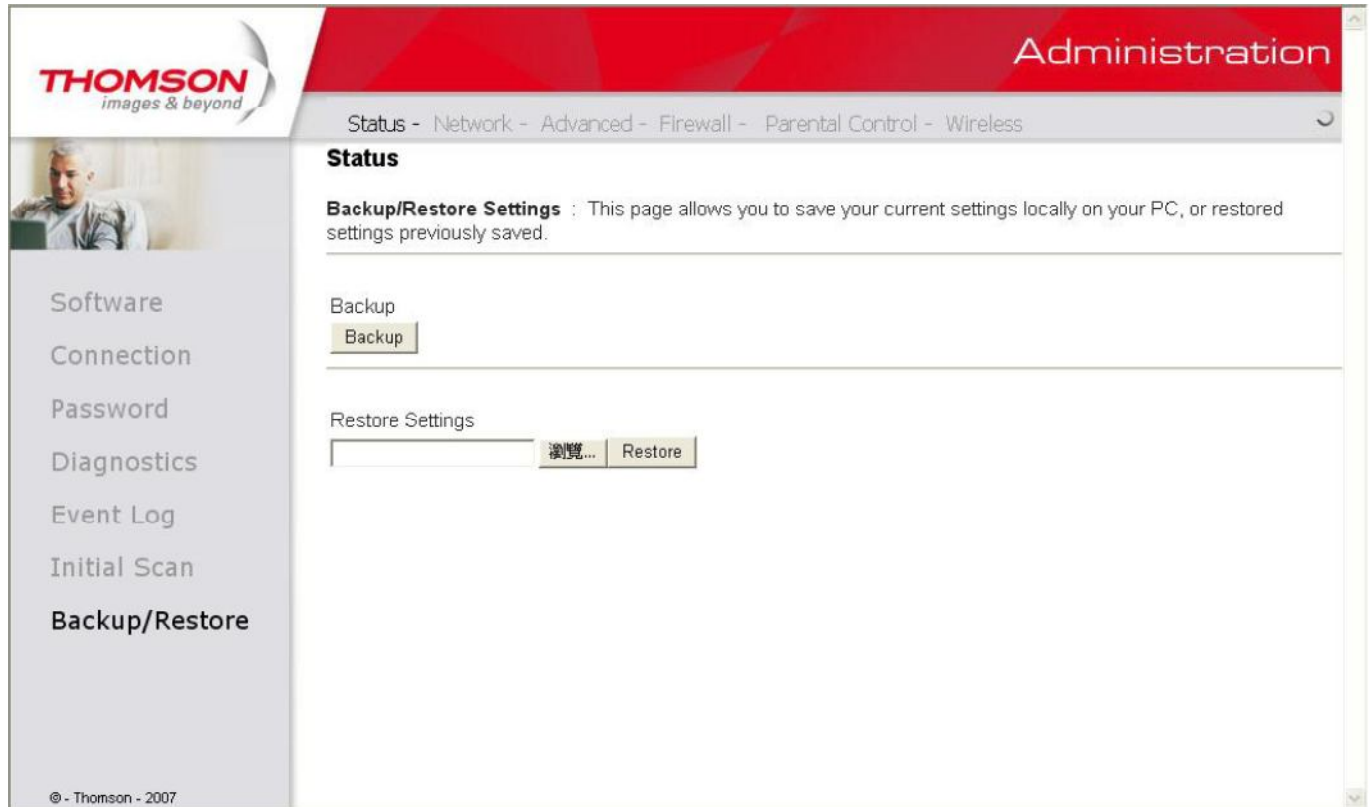


Fig. 12