# T··Mobile· @Home



# HiPort<sup>™</sup> User Guide

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## **About This Guide**

## **Icon Descriptions**

While reading through the User Guide you may see various icons that call attention to specific items. Below is a description of these icons:



**NOTE:** This check mark indicates that there is a note of interest and is something that you should pay special attention to while using the product.



**WARNING:** This exclamation point indicates that there is a caution or warning and it is something that could damage your property or product.



**WEB:** This globe icon indicates a noteworthy website address or e-mail address.

## **Online Resources**

Most web browsers allow you to enter the web address without adding the http:// in front of the address. This User Guide will refer to websites without including http:// in front of the address. Some older web browsers may require you to add it.

Resource	Website
Linksys	www.linksys.com
Linksys International	www.linksys.com/international
Glossary	www.linksys.com/glossary
Network Security	www.linksys.com/security

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## Chapter 1: Product Overview

## **Front Panel**

The HiPort's LEDs are located on the Front panel.



U Power (Green/Amber) The Power LED lights up green and will stay on while the HiPort is powered on. When the HiPort goes through its self-diagnostic mode during every bootup, this LED will flash. When the diagnostic is complete, the LED will be solidly lit. This LED flashes amber when the HiPort is doing a firmware upgrade.

This LED alternately flashes green and amber if a SIM card is not installed or if SIM card registration fails.

This LED lights up amber if 911 Emergency Calling has not been registered.

- Phone (Blue) This LED lights up blue when a SIM card is correctly installed and registered. This LED flashes blue if the HiPort has received voice mail.
- **Ethernet** (Green) This LED serves two purposes. If the LED is continuously lit, the HiPort is successfully connected to a device. A flashing LED indicates network activity.
- Internet (Green) The Internet LED lights up when there is a connection made through the Internet port. The LED flashes when there is traffic.

## **Back Panel**





**Internet** Use this port to connect the HiPort to your broadband Internet connection.



**Ethernet** Use this port to connect the HiPort to your networked PCs and other Ethernet network devices.



**Phone** Use this port to connect a phone to the HiPort.

**Reset** The Reset button can be used to reboot the HiPort or to restore the HiPort's factory default settings.

- To reboot the HiPort, press and release the **Reset** button quickly using a pin or straightened paper clip.
- To restore the factory default settings, press the **Reset** button for approximately five seconds, using a pin or straightened paper clip (factory defaults can also be restored via the *Administration > Factory Defaults* screen of the HiPort's web-based utility).



**Power** Use this port to connect the power adapter.



**SIM Card** Install the T-Mobile SIM card in this slot.



**IMPORTANT:** Resetting the HiPort will erase all of your settings (Internet connection and other settings) and replace them with the factory defaults. Do not reset the HiPort if you want to retain these settings.

## Chapter 2: Installation

## **SIM Card Installation**

To install the SIM card, follow these steps:

1. Slide the SIM card into the slot on the back panel, with the "T" facing up.



Insert SIM Card

2. Press the SIM card into the slot until you feel it click in to place.





Press SIM Card into Place

3. The SIM card will be locked in the slot. To remove, press the SIM card and it will be released.



SIM Card Inserted and Locked in Slot

## Connections

- 1. Power down your network devices.
- 2. Locate an optimum location for the HiPort. Connect a standard Ethernet network cable to the HiPort's Internet port. Then, connect the other end of the Ethernet cable to your cable or DSL broadband modem.



Connecting the Internet Connection

3. Connect the included Ethernet cable to the HiPort's Ethernet port. Then connect the other end to your PC or your Router's Internet port.



Connecting the Ethernet Connection

4. Connect a RJ-11 phone cable to the HiPort's Phone port. Then connect the other end to a telephone.



Connecting the RJ-11 cable



**IMPORTANT:** Do not connect the Phone port to a telephone wall jack. Make sure you only connect a telephone to the Phone port. Otherwise, the Router or the telephone wiring in your home or office may be damaged.

5. Connect the AC power adapter to the HiPort's Power port and the other end into an electrical outlet. Only use the power adapter supplied with the HiPort. Use of a different adapter may damage the product.



Connecting the Power Adapter

## Table or Wall Mount Instructions

## **Horizontal Placement**

The HiPort can be placed on a level surface near an electrical outlet.

## **Wall-Mounting Placement**

The HiPort has two wall-mount slots on its bottom panel. The distance between the slots is 60 mm (2.36 inches).

Two screws are needed to mount the HiPort.

Suggested Mou	Inting Hardwa	re
4-5 mm	1-1.5 mm	2.5-3.0 mm

+Note: Mounting hardware illustrations are not true to scale.



**NOTE:** Linksys is not responsible for damages incurred by insecure wall-mounting hardware.

Follow these instructions:

- 1. Determine where you want to mount the HiPort. Make sure that the wall you use is smooth, flat, dry, and sturdy. Also make sure the location is within reach of an electrical outlet.
- 2. Drill two holes into the wall. Make sure the holes are 60 mm (2.36 inches) apart.
- 3. Insert a screw into each hole and leave 3 mm (0.12 inches) of its head exposed.
- 4. Maneuver the HiPort so the wall-mount slots line up with the two screws.
- 5. Place the wall-mount slots over the screws and slide the HiPort down until the screws fit snugly into the wall-mount slots.

## Chapter 3: Configuration

For details on connecting the HiPort, please refer to the *Installation* chapter. This chapter will describe each screen of the web-based utility and each screen's key functions. The web-based utility can be accessed via your web browser through use of a computer connected to the HiPort. Most users only have to configure the following screens:

- Basic Setup On the Setup > Basic Setup screen, enter the Internet connection settings provided by your Internet Service Provider (ISP). If you do not have this information, you can call your ISP to request the settings. When you have the setup information, then you can configure the HiPort.
- Management On the Administration > Management screen, change the local router access password from the default value (admin). Enter a new password in the *Password* and *Re-enter to confirm* fields.

There are six main tabs: Setup, Security, Access Restrictions, Applications & Gaming, Administration, and Status. Sub tabs vary depending upon the main tab selection.

## How to Access the Web-Based Utility

To access the web-based utility of the HiPort, launch your web browser, and enter the HiPort's default IP address, **192.168.29.1**, in the *Address* field. Press the **Enter** key.



Internet Explorer Address Bar

A screen will appear asking you for your User name and Password. Enter **admin** in the *User Name* field. Enter **admin** in the *Password* field. Then click **OK**.

R		
UTA200-TM		
User mener	۵	
Password:	Remember my passwo	rd

Login Screen

Make the necessary changes through the Utility. When you have finished making changes to a screen, click **Save Settings** to save the changes, or click **Cancel Changes** to undo your changes. Help information is available on the right side of the screen.

## The Setup Tab > Basic Setup

The *Basic Setup* screen is the first screen you see when you access the web-based utility.

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Referent Sellep				
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	E Admendy +	but cost to deright serving itlenges	10000000	ng Control Roll I a The suffer is In successful control
			are and	

Setup > Basic Setup

## **Internet Setup**

The Internet Setup section configures the HiPort for your Internet connection type. This information can be obtained from your ISP.

### Internet Connection Type

The HiPort supports two connection types: Automatic Configuration - DHCP and Static IP. Each *Basic Setup* screen and the available features will differ depending on what kind of connection type you select.

### Automatic Configuration - DHCP

By default, the HiPort's Internet Connection Type is set to **Automatic Configuration - DHCP**, and it should be used only if your ISP supports DHCP.

### Static IP

If you are required to use a permanent IP address, then select **Static IP**.

Internet Connection Type	Static IP					Y	ł		
	Internet IP Address :	64		101		101	1	225	
	Subret Mask ±	255	į.	255		255		0	
	Gabeway :	64	].	101	l.	101	1	1	
	Static DNS 1	0	ļ	0	ļ.	0	ĺ.	0	
	Shelic DNS 2	0		0	j.	0		0	
	Static DHS 3	0	ĥ	0		0	Ľ	0	

Internet Connection Type > Static IP

**Internet IP Address** Your ISP will provide you with the IP address you need to specify here.

**Subnet Mask** Your ISP will provide you with the Subnet Mask.

**Gateway** Your ISP will provide you with the Default Gateway address.

**Static DNS 1-3** Your ISP will provide you with at least one DNS (Domain Name System) Server IP Address.

Click **Save Settings**. Then click the **Status** tab, and click **Connect**.

### **Optional Settings**

Some of these settings may be required by your ISP. Verify with your ISP before making any changes.

Optional Settings (required by some ISPs)	Router Name 1	UTA006-TM
	Host Name :	
	MTU :	Auto 👻
	Size :	TTO DOT

**Optional Settings** 

**Router Name** Some ISPs require these names as identification. You may have to check with your ISP to see if your Internet service has been configured with a host and domain name. In most cases, leaving these fields blank will work.

Host Name and Domain Name Some ISPs require these names as identification. You may have to check with your ISP to see if your Internet service has been configured with a host and domain name. In most cases, leaving these fields blank will work.

**MTU** The MTU (Maximum Transmission Unit) setting specifies the largest packet size permitted for network transmission. To manually set a value, select **Manual** and enter the value desired in the *Size* field. You should leave this value in the 1200 to 1500 range. The default is **Auto**, which allows the HiPort to select the best MTU for your Internet connection.

### **Network Setup**

The Network Setup section allows you to change the HiPort's local network settings.

### **Router IP**

The HiPort's Local IP Address and Subnet Mask are shown here. In most cases, you should keep the defaults.

Network Setup		
Router IP	Local P Address :	192 168 29 1
	Submet Mack	255.255.255.0 💌

Local IP Address

Local IP Address The default value is **192.168.29.1**.

Subnet Mask The default value is 255.255.255.0.

#### **DHCP Server Setting**

The HiPort can be used as a Dynamic Host Configuration Protocol (DHCP) server for your network. A DHCP server automatically assigns an IP address to each computer on your network. Unless you already have one, it is highly recommended that you leave the HiPort enabled as a DHCP server.

Betweek Address Server Settings (DHCP)	DHCP Server : Starting P	Enable O Disable 192,448,29, 100 Static IP annign
	Address : Maximum Number of DHCP Users :	64
	Client Lease Time :	0 minutes (0 means seven days)
	Static CHIS 1	0 0 0 0
	Static DNS 2 1	0.0.0.0
	Static DNS 3 1	0 0 0 0
	VMIS	0 0 0 0

**DHCP** Server Setting

**DHCP Server** DHCP is enabled by factory default. If you already have a DHCP server on your network, set the HiPort's DHCP option to **Disable**. If you disable DHCP, remember to assign a static IP address to the HiPort on your computer.

While DHCP is enabled, if you want to assign a static IP address to a client, click **Static IP assign**, then enter the desired static IP address and the client's MAC address. Click **Save Settings** to save or **Cancel Changes** to cancel.

	P Assignment
	Combo kend an ensered as
P01:192.168.29. 100	MACO1 : 00 00 00 00 00 00
P02:192.168.29. [100]	MAC02 : 00 00 00 00 00 00
P03 : 192.168.29. 140	MAC03 : 00 00 00 00 00 00
P04 : 192.168.29. 144	MACO4 1 (no no no no no no
P05 : 192.168.29. 100	MAC05 : 00 00 00 00 00 00
P06 : 192,168.29, 100	MACOG : 00 00 00 00 00 00
P07 : 192,168.29, 1mm	MACO7 : (m on on no m on
POS : 192,168.29. 144	MACOE : 00 00 00 00 00 00
P09 : 192.168.29. 144	MAC09 : 00 00 00 00 00
P10:192.168.29.	MAC10 : IN IN IN IN IN IN
(Star Start)	Careal Changer

Static IP Assignment

**Starting IP Address** Enter a value for the DHCP server to start with when issuing IP addresses. Because the default IP address for the HiPort is 192.168.29.1, the Start IP Address must be 192.168.29.2 or greater, but smaller than 192.168.29.254. The default Start IP Address is **192.168.29.100**.

Maximum Number of DHCP Users Enter the maximum number of PCs that you want the DHCP server to assign IP addresses to. This number cannot be greater than 253. The default is **64**.

**Client Lease Time** The Client Lease Time is the amount of time a network user will be allowed connection to the HiPort with their current dynamic IP address. Enter the amount of time, in minutes, that the user will be "leased" this dynamic IP address. After the dynamic IP address has expired, the user will be automatically assigned a new dynamic IP address. The default is 0 minutes, which means one day.

Static DNS 1-3 The Domain Name System (DNS) is how the Internet translates domain or Website names into Internet addresses or URLs. Your ISP will provide you with at least one DNS Server IP Address. You can enter up to three DNS Server IP Addresses here. The HiPort will use these for quicker access to functioning DNS servers.

**WINS** The Windows Internet Naming Service (WINS) converts NetBIOS names to IP addresses. If you use a WINS server, enter that server's IP address here. Otherwise, leave this field blank.

### **Time Setting**





**Time Zone** Select the time zone in which your network functions. If you want the HiPort to automatically adjust the clock for daylight savings, then select the check box.

When you have finished making changes to this screen, click **Save Settings** to save the changes, or click **Cancel Changes** to undo your changes. Help information is available on the right side of the screen.

## The Setup Tab > DDNS

The HiPort offers a Dynamic Domain Name System (DDNS) feature. DDNS lets you assign a fixed host and domain name to a dynamic Internet IP address. It is useful when you are hosting your own Website, FTP server, or other server behind the HiPort.

Before you can use this feature, you need to sign up for DDNS service at one of two DDNS service providers, DynDNS.org or TZO.com. If you do not want to use this feature, keep the default setting, Disable.

## DDNS

### **DDNS Service**

If your DDNS service is provided by DynDNS.org, then select **DynDNS.org** from the drop-down menu. If your DDNS service is provided by TZO, then select **TZO.com**. The features available on the DDNS screen will vary, depending on which DDNS service provider you use.



Setup > DDNS > DynDNS.org

#### DynDNS.org

**User Name** Enter the user name from DynDNS.org.

**Password** Enter the password associated with the user name.

**Host Name** Enter the appropriate host name. The proper format is name.dyndns.org

**Internet IP Address** The current Internet IP address is displayed here.

**Status** The status of the DDNS service connection is displayed here.

					interinal Adapter	U14299
Setup	1etus	Security	Access Texture	Apple stores & Gerrarg	Advectories	14
	-	Austan )	0.10.225		Comparison of the	

Setup > DDNS > TZO.com

#### TZO.com

**E-mail Address** Enter the e-mail address used to register with TZO.com.

**Password** Enter your TZO.com password.

**Domain Name** Enter your TZO.com domain name.

**Internet IP Address** The current Internet IP address is displayed here.

**Status** The status of the DDNS service connection is displayed here.

When you have finished making changes to this screen, click **Save Settings** to save the changes, or click **Cancel Changes** to undo your changes. For more information, click **Help**.

## The Setup Tab > Advanced Routing

The *Advanced Routing* screen allows you to configure the dynamic and static routing settings.



Setup > Advanced Routing > Router



Setup > Advanced Routing > Bridge

## **Advanced Routing**

### **Operating Mode**

If this HiPort is hosting your network's connection to the Internet, select **Router**. If another router exists on your network, select **Bridge**.

### **Dynamic Routing**

#### RIP

This feature enables the HiPort to automatically adjust to physical changes in the network's layout and exchange routing tables with the other HiPort(s). The HiPort determines the network packets' route based on the fewest number of hops between the source and the destination.

**Disabled** This option disables the dynamic routing feature for all data transmissions.

**LAN** This option enables dynamic routing for the LAN connection.

**WAN (Internet)** This option enables dynamic routing for the WAN side.

**Both** This option enables dynamic routing for the WAN and LAN connections.

### **Static Routing**

A static route is a pre-determined pathway that network information must travel to reach a specific host or network. Use this feature to set up a static route between the HiPort and another network (you can have up to 20 static routes). To create a static route, alter the following settings:

**Select Set Number** Select the number of the static route from the drop-down menu.

**Delete This Entry** To delete a route, select its number from the drop-down menu, and click this button.

**Enter Route Name** Enter a name for the static route, using a maximum of 25 alphanumeric characters.

**Destination LAN IP** The Destination LAN IP Address is the address of the remote network or host to which you want to assign a static route. Enter the IP address of the host for which you wish to create a static route.

**Subnet Mask** The Subnet Mask determines which portion of a Destination IP address is the network portion, and which portion is the host portion.

**Default Gateway** This is the IP address of the gateway device that allows for contact between the HiPort and the remote network or host.

**Interface** Select LAN or WAN (Internet), depending on the location of the final destination.

**Show Routing Table** Click **Show Routing Table** to open a screen displaying how data is routed through your local network. For each route, the Destination LAN IP address, Subnet Mask, Gateway, and Interface are displayed. Click **Refresh** to update the information. Click **Close** to exit this screen.

outing Table Er		Determ	
Destination 1.68 P	Subard Black	failuring	Selector of
101.161.0	265 255 255 0	0.0.0.0	WANG (Lawson)
2148340	215 255 255 8	88.89	LAN & Wesless
0000	205000	0.0.0.0	LAUF & Worker
0.0	0.0.00	6R 921.161.1	WAN (Second)
			(Cost)

Advanced Routing > Routing Table

When you have finished making changes to this screen, click **Save Settings** to save the changes, or click **Cancel Changes** to undo your changes. Help information is available on the right side of the screen.

## The Security Tab > Firewall

The Firewall screen offers a firewall and filters that block

#### specific Internet data types.



Security > Firewall

## Firewall

**Firewall Protection** A firewall enhances network security and uses Stateful Packet Inspection (SPI) for more detailed review of data packets entering your network. Select **Enable** to use a firewall, or **Disable** to disable it.

### **Block WAN Requests**

**Block Anonymous Internet Requests** When enabled, this feature keeps your network from being "pinged," or detected, by other Internet users. It also hides your network ports. Both make it more difficult for outside users to enter your network. This filter is enabled by default. Select **Disable** to allow anonymous Internet requests.

**Filter Multicast** Multicasting allows for multiple transmissions to specific recipients at the same time. If multicasting is permitted, then the HiPort will allow IP multicast packets to be forwarded to the appropriate computers. Select **Enable** to filter multicasting, or Disable to disable this feature.

**Filter Internet NAT Redirection** This feature uses port forwarding to block access to local servers from local networked computers. Select **Enable** to filter Internet NAT redirection, or **Disable** to disable this feature.

Filter IDENT (Port 113) This feature keeps port 113 from being scanned by devices outside of your local network. Select **Enable** to filter port 113, or **Disable** to disable this feature.

When you have finished making changes to this screen, click **Save Settings** to save the changes, or click **Cancel Changes** to undo your changes. Help information is available on the right side of the screen.

## The Security Tab > VPN

The VPN Passthrough screen allows you to allow VPN tunnels using IPSec, L2TP, or PPTP protocols to pass through the HiPort.

Security			erminal Adapter	UTABLE T		
	Setup	Secondary 178	Access Restrictors	Applications & Carning	Administration	54.
WN Pasathrough	Play P	waterwaye ()	Eudle () Studie Eudle () Studie Eudle () Studie		EVEN LOTES	the second street.
		_		Cancel Changer	1	-ilia cisc

Security > VPN

### **VPN Passthrough**

**IPSec Passthrough** IPSec (Internet Protocol Security) is a suite of protocols used to implement secure exchange of packets at the IP layer. To allow IPSec Passthrough, click **Enable**. To disable IPSec Passthrough, click **Disable**.

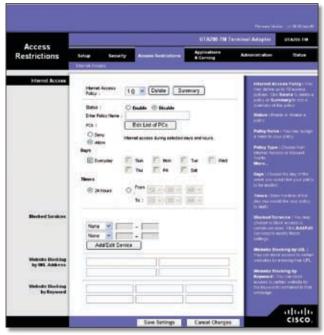
**PPTP Passthrough** PPTP (Point-to-Point Tunneling Protocol) Passthrough allows the Point-to-Point (PPP) to be tunneled through an IP network. To allow PPTP Passthrough, click **Enable**. To disable PPTP Passthrough, click **Disable**.

**L2TP Passthrough** Layer 2 Tunneling Protocol is the method used to enable Point-to-Point sessions via the Internet on the Layer 2 level. To allow L2TP tunnels to pass through the HiPort, click **Enable**. To disable L2TP Passthrough, click **Disable**.

When you have finished making changes to this screen, click **Save Settings** to save the changes, or click **Cancel Changes** to undo your changes. Help information is available on the right side of the screen.

## The Access Restrictions Tab > Internet Access

The *Internet Access* screen allows you to block or allow specific kinds of Internet usage and traffic, such as Internet access, designated services, websites, and inbound traffic during specific days and times.



Access Restrictions > Internet Access

## **Internet Access**

Internet Access Policy Internet access can be managed by a policy. Use the settings on this screen to establish an access policy (after the **Save Settings** button is clicked). Selecting a policy from the drop-down menu will display that policy's settings. To delete a policy, select that policy's number and click **Delete This Policy**. To view all the policies, click **Summary**.

On the *Summary* screen, the policies are listed with the following information: No., Policy Name, Access, Days, Time, and status (Enabled). To enable a policy, click the Enabled check box. To delete a policy, click its Delete button. Click **Save Settings** to save your changes, or click **Cancel Changes** to cancel your changes. To return to the Internet Access Policy screen, click **Close**.

**Status** Policies are disabled by default. To enable a policy, select the policy number from the drop-down menu, and click **Enable**.

To create a policy:

- 1. Select a number from the *Internet Access Policy* drop-down menu.
- 2. To enable this policy, click **Enable**.

- 3. Enter a Policy Name in the field provided.
- 4. Click Edit List of PCs to select which PCs will be affected by the policy. The List of PCs screen will appear. You can select a PC by MAC address or IP address. You can also enter a range of IP addresses if you want this policy to affect a group of PCs.
- 5. After making your changes, click **Save Settings** to apply your changes or **Cancel Changes** to cancel your changes.

Liste	of PCs
Cost MAC Address of the PCs.	a the bookst and an or other at the
MAC 01 2 10.00.00.00.00.00	MAC 05 : 01 01 01 01 01 01
MAC 02 : 01.01.01.01.01.01	
MAC 03 = 80.00.00.00.00.00	MAC 07 : 01 01 01 01 01 01
MAC 04 : 00.00.00.00.00.00	MAC 08 : (** ** ** ** ** **
Detur two P Au	describe PCs
#* 01 1 192 189 24 a	P 04 : 192180.34 a
# 42 1 192.168.24 is	# 05 : 192168.34 #
# 40 1 192 160 34 F	#*06 1 19218834 #
Edat the P.A.	ways of the PDa
Range 01 1 192 108 24 (+_)-(+_)	IP Range 02 1 112 100 24 + - +
Save Statego	Ceed Dages

Internet Access Policy > List of PCs

- 6. Click the appropriate option, **Deny** or **Allow**, depending on whether you want to block or allow Internet access for the PCs you listed on the *List of PCs* screen.
- 7. Decide which days and what times you want this policy to be enforced. Select the individual days during which the policy will be in effect, or select **Everyday**. Then enter a range of hours and minutes during which the policy will be in effect, or select **24 Hours**.
- 8. You can block websites with specific URL addresses. Enter each URL in a separate field next to *Website Blocking by URL Address*.
- You can also block websites using specific keywords. Enter each keyword in a separate field next to Website Blocking by Keyword. You can filter access to various services accessed over the Internet, such as FTP or Telnet. (You can block up to two applications per policy.)
- 10. If the application you want to block is not listed or you want to edit a service's settings, enter the application's name in the *Application Name* field. Enter its range in the *Port Range* fields. Select its protocol from the *Protocol* drop-down menu. Then click **Add**.

To modify a service, select it from the Application list. Change its name, port range, and/or protocol setting. Then click **Modify**.

To delete a service, select it from the Application list. Then click **Delete**.

Click **Save Settings** to save the policy's settings. To cancel the policy's settings, click **Cancel Changes**. Help information is available on the right side of the screen.

## The Applications & Gaming Tab > Port Range Forward

Port range forwarding sets up public services on your network, such as web servers, FTP servers, e-mail servers, or other specialized Internet applications. (Specialized Internet applications are any applications that use Internet access to perform functions such as videoconferencing or online gaming. Some Internet applications may not require any forwarding.)

When users send these types of requests to your network via the Internet, the HiPort will forward those requests to the appropriate servers (computers). Before using forwarding, you should assign static IP addresses to the designated servers (use the DHCP Reservation feature on the Basic Setup screen).

If you need to forward all ports to one PC, click the DM	Z tab.
--	--------

Applications						UTA290	THE TAT	ninal Adapter CEASE IN
& Gaming	Tarlan I		- 19		• Restriction	Approximation of the local division of the l		Administration Status
Port Range Forward	and the state of the			-	000711 I		-	
				Fe	( Bange			Part Barge Farwarding 1 Content and states and these to spectroscolic parts in order
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Applications & Gaming > Port Range Forward

## **Port Range Forward**

To add an application, complete the following fields:

**Application Name** Enter the name of the application.

**Start to End Port** Enter the number or range of port(s) used by the server or Internet application. Check with the Internet application documentation for more information.

**Protocol** Select the protocol **TCP** or **UDP**, or select **Both**.

**IP Address** Enter the IP address of the server that you want the Internet users to be able to access.

**Enable** Click the **Enable** check box to enable the applications you have defined. This is disabled (unchecked) by default.

When you have finished making changes to this screen, click **Save Settings** to save the changes, or click **Cancel Changes** to undo your changes. Help information is available on the right side of the screen.

## The Applications & Gaming Tab > Port Triggering

This screen instructs the HiPort to watch outgoing data for specific port numbers. The IP address of the computer that sends the matching data is remembered by the HiPort, so that when the requested data returns through the HiPort, the data is sent to the proper computer by way of IP address and port mapping rules.

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Applications & Gaming > Port Range Triggering

## **Port Triggering**

To add an application, complete the following fields:

**Application** Enter the name of the application.

**Triggered Range** Enter the starting and ending port numbers of the triggered port range. Check with the Internet application documentation for the port number(s) needed.

**Forwarded Range** Enter the starting and ending port numbers of the forwarded port range. Check with the Internet application documentation for the port number(s) needed.

**Enable** Click the **Enable** check box to enable the applications you have defined. This is disabled (unchecked) by default.

When you have finished making changes to this screen, click **Save Settings** to save the changes, or click **Cancel Changes** to undo your changes. Help information is available on the right side of the screen.

## The Applications & Gaming Tab > DMZ

The DMZ screen allows one local user to be exposed to the Internet for use of a special-purpose service such as Internet gaming and videoconferencing. DMZ hosting forwards all the ports at the same time to one PC. The Port Range Forwarding is more secure because it only opens the ports you want to have opened, while DMZ hosting opens all the ports of one computer, exposing the computer to the Internet.

Any PC whose port is being forwarded must have its DHCP client function disabled and should have a new static IP address assigned to it because its IP address may change when using the DHCP function.



Applications & Gaming > DMZ

### DMZ

This feature completely exposes a designated computer to the Internet. To use this feature, select **Enable**. To disable DMZ hosting, select **Disable**.

**DMZ Host IP Address** Complete the IP address in the field provided.

When you have finished making changes to this screen, click **Save Settings** to save the changes, or click **Cancel Changes** to undo your changes. Help information is available on the right side of the screen.

## Applications and Gaming > QoS

Quality of Service (QoS) ensures better service to high-priority types of network traffic, which may involve demanding, real-time applications, such as videoconferencing.

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## Wired QoS

**Enable/Disable** To limit outgoing bandwidth for the QoS policies in use, select **Enable**. Otherwise, keep the default, **Disable**.

**Uplink Bandwidth** Select the bandwidth to be used from the drop-down menu. This setting allows you to limit the outgoing bandwidth for the QoS policies in use, so you can control how much bandwidth a particular application is allowed to use.

Click **Save Settings** to apply your changes, or click **Cancel Changes** to cancel your changes.

## The Administration Tab > Management

When you click the **Administration** tab, you will see the Management screen. This screen allows you to change the HiPort's access settings and configure the UPnP (Universal Plug and Play) features. You can also back up and restore the HiPort's configuration file.

### Management



Administration > Management

#### **Router Password**

#### Local Router Access

To ensure the HiPort's security, you will be asked for your password when you access the HiPort's web-based utility. The default password is **admin**.

**Password and Re-enter to Confirm** It is recommended that you change the default password to one of your choice. Enter a new HiPort password and then enter it again in the *Re-enter to Confirm* field.

#### Web Access

Access Server HTTP (HyperText Transport Protocol) is the communications protocol used to connect to servers on the World Wide Web. HTTPS uses SSL (Secured Socket Layer) to encrypt data transmitted for higher security. Select HTTP or HTTPS.

#### **Remote Router Access**

**Remote Management** To permit remote access of the HiPort, from outside the local network, select **Enable**. Otherwise, keep the default setting, **Disable**.

**Management Port** Enter the port number that will be open to outside access.

**Use HTTPS** HTTPS uses SSL (Secured Socket Layer) to encrypt data transmitted for higher security. To enable HTTPS, select the check box.



**NOTE:** When you are in a remote location and wish to manage the HiPort, enter *http://<Internet IP Address>: port or https://<Internet IP Address>: port,* depending on whether you use HTTP or HTTPS. Enter the HiPort's specific Internet IP address in place of *<Internet IP Address>,* and enter the Administration Port number in place of the word *port.* 

### UPnP

Universal Plug and Play (UPnP) allows Windows 2000, XP and Vista to automatically configure the HiPort for various Internet applications, such as gaming and videoconferencing.

**UPnP** If you want to use UPnP, keep the default setting, **Enable**. Otherwise, select **Disable**.

When you have finished making changes to this screen, click **Save Settings** to save the changes, or click **Cancel Changes** to undo your changes. Help information is available on the right side of the screen.

## The Administration Tab > Log

When you click the Administration tab, you will see the *Log* screen. It provides you with a log of all incoming and outgoing URLs or IP addresses for your Internet connection.



Administration > Log

### Log

**Log** To access activity logs, select **Enable**. With logging enabled, you can choose to view temporary logs. Click **Disable** to disable this function.

**Incoming Log** The Incoming Log will display a temporary log of the source IP addresses and destination port numbers for the incoming Internet traffic.

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Log > Incoming Log

**Outgoing Log** The Outgoing Log will display a temporary log of the local IP addresses, destination URLs/IP addresses, and service/port numbers for the outgoing Internet traffic.

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Log > Outgoing Log

Click Refresh to update the log.

When you have finished making changes to this screen, click **Save Settings** to save the changes, or click **Cancel Changes** to undo your changes. Help information is available on the right side of the screen.

## The Administration Tab > Diagnostics

The diagnostic tests (Ping and Traceroute) allow you to check the connections of your network devices, including the connection to the Internet.

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Administration > Diagnostics

**Ping Test** The Ping test will check the status of a connection. Enter the IP address or domain name of the PC whose connection you wish to test and how many times you wish to ping it. Then, click **Ping**. The Ping screen will then display the test results. Click **Close** to return to the *Diagnostics* screen.

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Administration > Ping Test

**Traceroute Test** To test the performance of a connection, enter the IP address or domain name of the PC whose connection you wish to test and click **Traceroute**. The Traceroute screen will then display the test results. Click **Close** to return to the *Diagnostics* screen.

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Administration > Traceroute Test

Help information is available on the right side of the screen.

## The Administration Tab > Factory Defaults

The *Factory Defaults* screen allows you to restore the HiPort's configuration to its factory default settings.



**NOTE:** Do not restore the factory defaults unless you are having difficulties with the HiPort and have exhausted all other troubleshooting measures. Once the HiPort is reset, you will have to re-enter all of your configuration settings.



Administration > Factory Defaults

## **Factory Defaults**

**Restore Factory Defaults** To clear all of the HiPort's settings and reset them to its factory defaults, click **Restore Factory Defaults**.

Click **Save Settings** to save the changes, or click **Cancel Changes** to undo your changes. Help information is available on the right side of the screen.

# The Administration Tab > Firmware Upgrade

The *Firmware Upgrade* screen allows you to upgrade the HiPort's firmware. Do not upgrade the firmware unless you are experiencing problems with the HiPort or the new firmware has a feature you want to use.

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Administration > Firmware Upgrade

Before upgrading the firmware, download the HiPort's firmware upgrade file from the Linksys Website, **www.linksys.com**. Then extract the file.

## **Upgrade Firmware**

**Please Select a File to Upgrade** In the field provided, enter the name of the extracted firmware upgrade file, or click **Browse** to locate the file.

**Upgrade** After you have selected the appropriate file, click this button, and follow the on-screen instructions.

Help information is shown on the right-hand side of the screen.

## The Administration Tab > Config Management



Administration > Config Management

#### **Backup Configuration**

Click this button to backup the current configuration settings of the HiPort.

#### **Restore Configuration**

Click this option to overwrite the current configuration settings with the configuration settings from the specified file.

**Please select a file to restore** In the field provided, enter the name of the backup file, or click **Browse** to search for the file.

## The Status Tab > Router

The *Router* screen displays information about the HiPort and its current settings. The on-screen information will vary depending on the Internet Connection Type selected on the Setup screen.

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Status > Router

### **Router Information**

**Firmware Version** This is the version number of the HiPort's current firmware.

Current Time This shows the time set on the HiPort.

MAC Address This is the HiPort's MAC address, as seen by your ISP.

**Router Name** If required by your ISP, this was entered on the Basic Setup screen.

**Domain Name** If required by your ISP, this was entered on the Basic Setup screen.

### Internet

#### **Configuration Type**

**Login Type** This indicates the type of Internet connection you are using.

For dial-up style connections such as PPPoE or PPTP, there is a **Connect** button to click if there is no connection and you want to establish an Internet connection.

**IP Address** The HiPort's Internet IP address is displayed here.

**Subnet Mask and Default Gateway** The HiPort's Subnet Mask and Default Gateway address are displayed here for DHCP and static IP connections.

**DNS1-3** Shown here are the DNS (Domain Name System) IP addresses currently used by the HiPort.

**MTU** Shown here is the MTU (Maximum Transmission Unit) setting for the HiPort.

**DHCP Release** Available for a DHCP connection, click this button to release the current IP address of the device connected to the HiPort's Internet port.

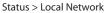
**DHCP Renew** Available for a DHCP connection, click this button to replace the current IP address—of the device connected to the HiPort's Internet port—with a new IP address.

Click **Refresh** to update the on-screen information. Help information is available on the right side of the screen.

## The Status Tab > Local Network

The Local Network screen displays information about the local network.





### Local Network

**MAC Address** The MAC Address of the HiPort's local interface is displayed here.

**IP Address** This shows the HiPort's IP address, as it appears on your local network.

Subnet Mask The HiPort's Subnet Mask is shown here.

**DHCP Server** The status of the HiPort's DHCP server function is displayed here.

**Start IP Address** For the range of IP addresses used by devices on your local network, the beginning IP address is shown here.

**End IP Address** For the range of IP addresses used by devices on your local network, the ending IP address is shown here.

DHCP Clients Table Click DHCP Clients Table to view the DHCP Client Table. It lists computers and other devices that have been assigned IP addresses by the HiPort. To remove a DHCP client, click **Delete**. To retrieve the most up-to-date information, click **Refresh**. To exit this screen and return to the Local Network screen, click **Close**.

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Local Network > DHCP Client Table

DHCP Static IP Table Click DHCP Static IP Table to view the DHCP Static IP Table. It lists computers and other devices that have been assigned static IP addresses. To remove a DHCP client, click **Delete**. To retrieve the most up-to-date information, click **Refresh**. To exit this screen and return to the Local Network screen, click **Close**.

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Local Network > DHCP Static IP Table

Help information is available on the right side of the screen.

## The Status Tab > Voice

The *Voice* screen displays the status information of your voice network.



Status > Voice

### Information

Firmware Version The current firmware version is displayed.

### **Line1 Status**

SIM Status The status of your SIM card is displayed.

**Registration Status** If the voice network is registered, the information is displayed here.

Call1, Call2 Status The status of calls are displayed.

To retrieve the most up-to-date information, click **Refresh**. Help information is available on the right side of the screen.

## Call Log

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2	0	4179931776	Unencounted	07/07/13	0110.25	00.00.00	

To view the HiPort's Call Log or Error List, select the appropriate button. A log or list will display.

To retrieve the most up-to-date information, click **Refresh**.

## Appendix A: Troubleshooting

#### Your computer cannot connect to the Internet.

Follow these instructions until your computer can connect to the Internet:

- Make sure that the HiPort is powered on. The Power LED should be green and not flashing.
- If the Power LED is flashing, then power off all of your network devices, including the modem, HiPort, and computers. Then power on each device in the following order:
  - 1. Cable or DSL modem
  - 2. HiPort
  - 3. Computer
- Check the cable connections. The computer should be connected to the Ethernet/PC port on the HiPort, and the modem must be connected to the Internet port on the HiPort.

#### The modem does not have an Ethernet port.

The modem is a dial-up modem for traditional dial-up service. To use the HiPort, you need a cable/DSL modem and high-speed Internet connection.

## You cannot use the DSL service to connect manually to the Internet.

After you have installed the HiPort, it will automatically connect to your Internet Service Provider (ISP), so you no longer need to connect manually.

## The DSL telephone line does not fit into the HiPort's Internet port.

The HiPort does not replace your modem. You still need your DSL modem in order to use the HiPort. Connect the telephone line to the DSL modem, insert the setup CD into your computer, and then follow the on-screen instructions.

# When you double-click the web browser, you are prompted for a username and password. If you want to get rid of the prompt, follow these instructions.

Launch the web browser and perform the following steps (these steps are specific to Internet Explorer but are similar for other browsers):

- 1. Select **Tools** > **Internet Options**.
- 2. Click the **Connections** tab.
- 3. Select Never dial a connection.
- 4. Click **OK**.

## The HiPort does not have a coaxial port for the cable connection.

The HiPort does not replace your modem. You still need your cable modem in order to use the HiPort. Connect your cable connection to the cable modem, insert the setup CD into your computer, and then follow the on-screen instructions.

#### You need to modify the settings on the HiPort.

Open the web browser (for example, Internet Explorer or Firefox), and enter the HiPort's IP address in the address field (the default IP address is **192.168.29.1**). When prompted, leave the *User name* field blank and enter the password to the HiPort (the default is **admin**). Click the appropriate tab to change the settings.

#### The Power or Phone LED is blinking or lit.

These LEDs indicate the following conditions.

LED	Action	Condition
Power	Blinking Green	HiPort is booting up.
Power	Blinking Amber	HiPort is powering up or performing a firmware upgrade. Do NOT power off the device.
Power	Blinking Green/ Amber	HiPort SIM card detection or registry failed. Check that: 1. SIM card is activated with @Home service and installed properly. 2. You have an Internet connection.
Power	Solid Amber	No E911 registered. Please verify that you have registered for 911 Emergency Calling by going to the website at <b>www.mytmobile.com</b> and log in. You will see a tab labeled <b>911</b> that will allow you to verify if this information has been updated.
Phone	Blinking Blue	HiPort has received voice mail. Once you retrieve your voice mail, the LED will go back to solid blue.

## Appendix B: Specifications

Model	UTA200-TM
Environmental	
Dimensions	4.09" x 5.91" x 1.18" 104 x 150 x 30 mm
Weight	5.82 oz (165 g)
Power	External, 12V DC, 1.0A
Certifications	FCC, UL
Operating Temp.	32 to 104°F (0 to 40°C)
Storage Temp.	-4 to 140°F (-20 to 60°C)
Operating Humidity	10 to 85%, Noncondensing
Storage Humidity	5 to 90%, Noncondensing

## Appendix C: Warranty Information

## **Limited Warranty**

Linksys warrants this Linksys hardware product against defects in materials and workmanship under normal use for the Warranty Period, which begins on the date of purchase by the original end-user purchaser and lasts for the period specified below:

- One (1) year for new product
- Ninety (90) days for refurbished product

This limited warranty is non-transferable and extends only to the original end-user purchaser. Your exclusive remedy and Linksys' entire liability under this limited warranty will be for Linksys, at its option, to (a) repair the product with new or refurbished parts, (b) replace the product with a reasonably available equivalent new or refurbished Linksys product, or (c) refund the purchase price of the product less any rebates. Any repaired or replacement products will be warranted for the remainder of the original Warranty Period or thirty (30) days, whichever is longer. All products and parts that are replaced become the property of Linksys.

## **Exclusions and Limitations**

This limited warranty does not apply if: (a) the product assembly seal has been removed or damaged, (b) the product has been altered or modified, except by Linksys, (c) the product damage was caused by use with non-Linksys products, (d) the product has not been installed, operated, repaired, or maintained in accordance with instructions supplied by Linksys, (e) the product has been subjected to abnormal physical or electrical stress, misuse, negligence, or accident, (f) the serial number on the Product has been altered, defaced, or removed, or (g) the product is supplied or licensed for beta, evaluation, testing or demonstration purposes for which Linksys does not charge a purchase price or license fee.

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TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL LINKSYS BE LIABLE FOR ANY LOST DATA, REVENUE OR PROFIT, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, REGARDLESS OF THE THEORY OF LIABILITY (INCLUDING NEGLIGENCE), ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE THE PRODUCT (INCLUDING ANY SOFTWARE), EVEN IF LINKSYS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL LINKSYS' LIABILITY EXCEED THE AMOUNT PAID BY YOU FOR THE PRODUCT. The foregoing limitations will apply even if any warranty or remedy provided under this limited warranty fails of its essential purpose. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

## **Obtaining Warranty Service**

If you have any questions about the services provided by your Service Provider or your Linksys product, please contact your Service Provider that provided the Linksys product to you. You also will find a variety of online support tools and information to assist you with your product at <u>www.linksys.com/support</u>. If the product proves defective during the Warranty Period, contact your Service Provider for instructions on how to obtain warranty service. The telephone number for your Service Provider in your area can be found in the written documentation included with your Linksys product.

Have your product serial number and proof of purchase (if applicable) on hand when calling your Service Provider. If you are requested to return your product, you will be given a Return Materials Authorization (RMA) number and instructions for shipping the product to your Service Provider. You are responsible for properly packaging and shipping your product at your cost and risk. You must include the RMA number and a copy of your dated proof of original purchase (if applicable) when returning your product. Products received without a RMA number and dated proof of original purchase (if applicable) will be rejected. Do not include any other items with the product you are returning. Defective product covered by this limited warranty will be repaired or replaced and returned to you without charge. Customers outside of the United States of America and Canada are responsible for all shipping and handling charges, custom duties, VAT and other associated taxes and charges. Repairs or replacements for your product not covered under this limited warranty will be subject to charge at Linksys' then-current rates.

## **Technical Support**

This limited warranty is neither a service nor a support contract. Information about Linksys' current technical support offerings and policies (including any fees for support services) can be found at **www.linksys.com/support**.

This limited warranty is governed by the laws of the jurisdiction in which the Linksys product was purchased by you.

Please direct all inquiries to: Linksys, P.O. Box 18558, Irvine, CA 92623

## Appendix D: Regulatory Information

## **FCC Statement**

This product has been tested and complies with the specifications for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used according to 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 is found 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 or devices
- Connect the equipment to an outlet other than the receiver's
- Consult a dealer or an experienced radio/TV technician for assistance

## **Industry Canada Statement**

This Class B digital apparatus complies with Canadian ICES-003.

Operation is subject to the following two conditions:

- 1. This device may not cause interference and
- 2. This device must accept any interference, including interference that may cause undesired operation of the device.

## Avis d'Industrie Canada

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Le fonctionnement est soumis aux conditions suivantes :

- 1. Ce périphérique ne doit pas causer d'interférences;
- 2. Ce périphérique doit accepter toutes les interférences reçues, y compris celles qui risquent d'entraîner un fonctionnement indésirable.

## User Information for Consumer Products Covered by EU Directive 2002/96/EC on Waste Electric and Electronic Equipment (WEEE)

This document contains important information for users with regards to the proper disposal and recycling of Linksys products. Consumers are required to comply with this notice for all electronic products bearing the following symbol:



## English - Environmental Information for Customers in the European Union

European Directive 2002/96/EC requires that the equipment bearing this symbol ≚ on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service, or the shop where you purchased the product.

#### Български (Bulgarian) - Информация относно опазването на околната среда за потребители в Европейския съюз

Европейска директива 2002/96/ЕС изисква уредите, носещи този символ № върху изделието и/или опаковката му, да не се изхвърля т с несортирани битови отпадъци. Символът обозначава, че изделието трябва да се изхвърля отделно от сметосъбирането на обикновените битови отпадъци. Ваша е отговорността този и другите електрически и електронни уреди да се изхвърлят в предварително определени от държавните или общински органи специализирани пунктове за събиране. Правилното изхвърляне и рециклиране ще спомогнат да се предотвратят евентуални вредни за околната среда и здравето на населението последствия. За по-подробна информация относно изхвърлянето на вашите стари уреди се обърнете към местните власти, службите за сметосъбиране или магазина, от който сте закупили уреда.

## Čeština (Czech) - Informace o ochraně životního prostředí pro zákazníky v zemích Evropské unie

Evropská směrnice 2002/96/ES zakazuje, aby zařízení označené tímto symbolem <sup>★</sup> na produktu anebo na obalu bylo likvidováno s netříděným komunálním odpadem. Tento symbol udává, že daný produkt musí být likvidován odděleně od běžného komunálního odpadu. Odpovídáte za likvidaci tohoto produktu a dalších elektrických a elektronických zařízení prostřednictvím určených sběrných míst stanovených vládou nebo místními úřady. Správná likvidace a recyklace pomáhá předcházet potenciálním negativním dopadům na životní prostředí a lidské zdraví. Podrobnější informace o likvidaci starého vybavení si laskavě vyžádejte od místních úřadů, podniku zabývajícího se likvidací komunálních odpadů nebo obchodu, kde jste produkt zakoupili.

### Dansk (Danish) - Miljøinformation for kunder i EU

EU-direktiv 2002/96/EF kræver, at udstyr der bærer dette symbol <sup>™</sup> på produktet og/eller emballagen ikke må bortskaffes som usorteret kommunalt affald. Symbolet betyder, at dette produkt skal bortskaffes adskilt fra det almindelige husholdningsaffald. Det er dit ansvar at bortskaffe dette og andet elektrisk og elektronisk udstyr via bestemte indsamlingssteder udpeget af staten eller de lokale myndigheder. Korrekt bortskaffelse og genvinding vil hjælpe med til at undgå mulige skader for miljøet og menneskers sundhed. Kontakt venligst de lokale myndigheder, renovationstjenesten eller den butik, hvor du har købt produktet, angående mere detaljeret information om bortskaffelse af dit gamle udstyr.

## Deutsch (German) - Umweltinformation für Kunden innerhalb der Europäischen Union

Die Europäische Richtlinie 2002/96/EC verlangt, dass technische Ausrüstung, die direkt am Gerät und/oder an der Verpackung mit diesem Symbol versehen ist ≚, nicht zusammen mit unsortiertem Gemeindeabfall entsorgt werden darf. Das Symbol weist darauf hin, dass das Produkt von regulärem Haushaltmüll getrennt entsorgt werden sollte. Es liegt in Ihrer Verantwortung, dieses Gerät und andere elektrische und elektronische Geräte über die dafür zuständigen und von der Regierung oder örtlichen Behörden dazu bestimmten Sammelstellen zu entsorgen. Ordnungsgemäßes Entsorgen und Recyceln trägt dazu bei, potentielle negative Folgen für Umwelt und die menschliche Gesundheit zu vermeiden. Wenn Sie weitere Informationen zur Entsorgung Ihrer Altgeräte benötigen, wenden Sie sich bitte an die örtlichen Behörden oder städtischen Entsorgungsdienste oder an den Händler, bei dem Sie das Produkt erworben haben.

#### Eesti (Estonian) - Keskkonnaalane informatsioon Euroopa Liidus asuvatele klientidele

Euroopa Liidu direktiivi 2002/96/EÜ nõuete kohaselt on seadmeid, millel on tootel või pakendil käesolev sümbol , keelatud kõrvaldada koos sorteerimata olmejäätmetega. See sümbol näitab, et toode tuleks kõrvaldada eraldi tavalistest olmejäätmevoogudest. Olete kohustatud kõrvaldama käesoleva ja ka muud elektri- ja elektroonikaseadmed riigi või kohalike ametiasutuste poolt ette nähtud kogumispunktide kaudu. Seadmete korrektne kõrvaldamine ja ringlussevõtt aitab vältida võimalikke negatiivseid tagajärgi keskkonnale ning inimeste tervisele. Vanade seadmete kõrvaldamise kohta täpsema informatsiooni saamiseks võtke palun ühendust kohalike ametiasutustega, jäätmekäitlusfirmaga või kauplusega, kust te toote ostsite.

## Español (Spanish) - Información medioambiental para clientes de la Unión Europea

La Directiva 2002/96/CE de la UE exige que los equipos que lleven este símbolo an el propio aparato y/o en su embalaje no deben eliminarse junto con otros residuos urbanos no seleccionados. El símbolo indica que el producto en cuestión debe separarse de los residuos domésticos convencionales con vistas a su eliminación. Es responsabilidad suya desechar este y cualesquiera otros aparatos eléctricos y electrónicos a través de los puntos de recogida que ponen a su disposición el gobierno y las autoridades locales. Al desechar y reciclar correctamente estos aparatos estará contribuyendo a evitar posibles consecuencias negativas para el medio ambiente y la salud de las personas. Si desea obtener información más detallada sobre la eliminación segura de su aparato usado, consulte a las autoridades locales, al servicio de recogida y eliminación de residuos de su zona o pregunte en la tienda donde adquirió el producto.

### Ελληνικά (Greek) - Στοιχεία περιβαλλοντικής προστασίας για πελάτες εντός της Ευρωπαϊκής Ένωσης

Σύμφωνα με την Κοινοτική Οδηγία 2002/96/ΕС, ο εξοπλισμός που φέρει αυτό το σύμβολο <sup>★</sup> στο προϊόν ή/και τη συσκευασία του δεν πρέπει να απορρίπτεται μαζί με τα μη διαχωρισμένα αστικά απορρίμματα. Το σύμβολο υποδεικνύει ότι αυτό το προϊόν θα πρέπει να απορρίπτεται ξεχωριστά από τα συνήθη οικιακά απορρίμματα. Είστε υπεύθυνος για την απόρριψη του παρόντος και άλλου ηλεκτρικού και ηλεκτρονικού εξοπλισμού μέσω των καθορισμένων εγκαταστάσεων συγκέντρωσης απορριμμάτων, οι οποίες ορίζονται από το κράτος ή τις αρμόδιες τοπικές αρχές. Η σωστή απόρριψη και ανακύκλωση συμβάλλει στην πρόληψη ενδεχόμενων αρνητικών επιπτώσεων στο περιβάλλον και την υγεία. Για περισσότερες πληροφορίες σχετικά με την απόρριψη του παλαιού σας εξοπλισμού, επικοινωνήστε με τις τοπικές αρχές, τις υπηρεσίες αποκομιδής απορριμμάτων ή το κατάστημα από το οποίο αγοράσατε το προϊόν.

## Français (French) - Informations environnementales pour les clients de l'Union européenne

La directive européenne 2002/96/CE exige que l'équipement sur lequel est apposé ce symbole ≚ sur le produit et/ou son emballage ne soit pas jeté avec les autres ordures ménagères. Ce symbole indique que le produit doit être éliminé dans un circuit distinct de celui pour les déchets des ménages. Il est de votre responsabilité de jeter ce matériel ainsi que tout autre matériel électrique ou électronique par les moyens de collecte indiqués par le gouvernement et les pouvoirs publics des collectivités territoriales. L'élimination et le recyclage en bonne et due forme ont pour but de lutter contre l'impact néfaste potentiel de ce type de produits sur l'environnement et la santé publique. Pour plus d'informations sur le mode d'élimination de votre ancien équipement, veuillez prendre contact avec les pouvoirs publics locaux, le service de traitement des déchets, ou l'endroit où vous avez acheté le produit.

## Italiano (Italian) - Informazioni relative all'ambiente per i clienti residenti nell'Unione Europea

La direttiva europea 2002/96/EC richiede che le apparecchiature contrassegnate con questo simbolo ≚ sul prodotto e/o sull'imballaggio non siano smaltite insieme ai rifiuti urbani non differenziati. Il simbolo indica che questo prodotto non deve essere smaltito insieme ai normali rifiuti domestici. È responsabilità del proprietario smaltire sia questi prodotti sia le altre apparecchiature elettriche ed elettroniche mediante le specifiche strutture di raccolta indicate dal governo o dagli enti pubblici locali. Il corretto smaltimento ed il riciclaggio aiuteranno a prevenire conseguenze potenzialmente negative per l'ambiente e per la salute dell'essere umano. Per ricevere informazioni più dettagliate circa lo smaltimento delle vecchie apparecchiature in Vostro possesso, Vi invitiamo a contattare gli enti pubblici di competenza, il servizio di smaltimento rifiuti o il negozio nel quale avete acquistato il prodotto.

## Latviešu valoda (Latvian) - Ekoloģiska informācija klientiem Eiropas Savienības jurisdikcijā

Direktīvā 2002/96/EK ir prasība, ka aprīkojumu, kam pievienota zīme ≚ uz paša izstrādājuma vai uz tā iesaiņojuma, nedrīkst izmest nešķirotā veidā kopā ar komunālajiem atkritumiem (tiem, ko rada vietēji iedzīvotāji un uzņēmumi). Šī zīme nozīmē to, ka šī ierīce ir jāizmet atkritumos tā, lai tā nenonāktu kopā ar parastiem mājsaimniecības atkritumiem. Jūsu pienākums ir šo un citas elektriskas un elektroniskas ierīces izmest atkritumos, izmantojot īpašus atkritum savākšanas veidus un līdzekļus, ko nodrošina valsts un pašvaldību iestādes. Ja izmešana atkritumos un pārstrāde tiek veikta pareizi, tad mazinās iespējamais kaitējums dabai un cilvēku veselībai. Sīkākas ziņas par novecojuša aprīkojuma izmešanu atkritumos jūs varat saņemt vietējā pašvaldībā, atkritumu savākšanas dienestā, kā arī veikalā, kur iegādājāties šo izstrādājumu.

## Lietuvškai (Lithuanian) - Aplinkosaugos informacija, skirta Europos Sąjungos vartotojams

Europos direktyva 2002/96/EC numato, kad įrangos, kuri ir kurios pakuotė yra pažymėta šiuo simboliu (įveskite simbolį), negalima šalinti kartu su nerūšiuotomis komunalinėmis atliekomis. Šis simbolis rodo, kad gaminį reikia šalinti atskirai nuo bendro buitinių atliekų srauto. Jūs privalote užtikrinti, kad ši ir kita elektros ar elektroninė įranga būtų šalinama per tam tikras nacionalinės ar vietinės valdžios nustatytas atliekų rinkimo sistemas. Tinkamai šalinant ir perdirbant atliekas, bus išvengta galimos žalos aplinkai ir žmonių sveikatai. Daugiau informacijos apie jūsų senos įrangos šalinimą gali pateikti vietinės valdžios institucijos, atliekų šalinimo tarnybos arba parduotuvės, kuriose įsigijote tą gaminį.

#### Malti (Maltese) - Informazzjoni Ambjentali għal Klijenti fl-Unjoni Ewropea

Id-Direttiva Ewropea 2002/96/KE titlob li t-tagħmir li jkun fih is-simbolu ≚ fuq il-prodott u/jew fuq l-ippakkjar ma jistax jintrema ma' skart munićipali li ma ģiex isseparat. Is-simbolu jindika li dan il-prodott għandu jintrema separatament minn ma' l-iskart domestiku regolari. Hija responsabbiltà tiegħek li tarmi dan it-tagħmir u kull tagħmir ieħor ta' l-elettriku u elettroniku permezz ta' faċilitajiet ta' ġbir appuntati apposta mill-gvern jew mill-awtoritajiet lokali. Ir-rimi b'mod korrett u r-riċiklaġġ jgħin jipprevjeni konsegwenzi negattivi potenzjali għall-ambjent u għas-saħħa tal-bniedem. Għal aktar informazzjoni dettaljata dwar ir-rimi tat-tagħmir antik tiegħek, jekk jogħġbok ikkuntattja lill-awtoritajiet lokali tiegħek, is-servizzi għar-rimi ta' l-iskart, jew il-ħanut minn fejn xtrajt il-prodott.

#### Magyar (Hungarian) - Környezetvédelmi információ az európai uniós vásárlók számára

A 2002/96/EC számú európai uniós irányelv megkívánja, hogy azokat a termékeket, amelyeken, és/vagy amelyek csomagolásán az alábbi címke <sup>™</sup> megjelenik, tilos a többi szelektálatlan lakossági hulladékkal együtt kidobni. A címke azt jelöli, hogy az adott termék kidobásakor a szokványos háztartási hulladékelszállítási rendszerektől elkülönített eljárást kell alkalmazni. Az Ön felelössége, hogy ezt, és más elektromos és elektronikus berendezéseit a kormányzati vagy a helyi hatóságok által kijelölt gyűjtőredszereken keresztül számolja fel. A megfelelő hulladékfeldolgozás segít a környezetre és az emberi egészségre potenciálisan ártalmas negatív hatások megelőzésében. Ha elavult berendezéseinek felszámolásához további részletes információra van szüksége, kérjük, lépjen kapcsolatba a helyi hatóságokkal, a hulladékfeldolgozási szolgálattal, vagy azzal üzlettel, ahol a terméket vásárolta.

## Nederlands (Dutch) - Milieu-informatie voor klanten in de Europese Unie

De Europese Richtlijn 2002/96/EC schrijft voor dat apparatuur die is voorzien van dit symbool ≚ op het product of de verpakking, niet mag worden ingezameld met niet-gescheiden huishoudelijk afval. Dit symbool geeft aan dat het product apart moet worden ingezameld. U bent zelf verantwoordelijk voor de vernietiging van deze en andere elektrische en elektronische apparatuur via de daarvoor door de landelijke of plaatselijke overheid aangewezen inzamelingskanalen. De juiste vernietiging en recycling van deze apparatuur voorkomt mogelijke negatieve gevolgen voor het milieu en de gezondheid. Voor meer informatie over het vernietigen van uw oude apparatuur neemt u contact op met de plaatselijke autoriteiten of afvalverwerkingsdienst, of met de winkel waar u het product hebt aangeschaft.

#### Norsk (Norwegian) - Miljøinformasjon for kunder i EU

EU-direktiv 2002/96/EF krever at utstyr med følgende symbol <sup>™</sup> avbildet på produktet og/eller pakningen, ikke må kastes sammen med usortert avfall. Symbolet indikerer at dette produktet skal håndteres atskilt fra ordinær avfallsinnsamling for husholdningsavfall. Det er ditt ansvar å kvitte deg med dette produktet og annet elektrisk og elektronisk avfall via egne innsamlingsordninger slik myndighetene eller kommunene bestemmer. Korrekt avfallshåndtering og gjenvinning vil være med på å forhindre mulige negative konsekvenser for miljø og helse. For nærmere informasjon om håndtering av det kasserte utstyret ditt, kan du ta kontakt med kommunen, en innsamlingsstasjon for avfall eller butikken der du kjøpte produktet.

#### Polski (Polish) - Informacja dla klientów w Unii Europejskiej o przepisach dotyczących ochrony środowiska

Dyrektywa Europejska 2002/96/EC wymaga, aby sprzęt oznaczony symbolem <sup>™</sup> znajdującym się na produkcie i/lub jego opakowaniu nie był wyrzucany razem z innymi niesortowanymi odpadami komunalnymi. Symbol ten wskazuje, że produkt nie powinien być usuwany razem ze zwykłymi odpadami z gospodarstw domowych. Na Państwu spoczywa obowiązek wyrzucania tego i innych urządzeń elektrycznych oraz elektronicznych w punktach odbioru wyznaczonych przez władze krajowe lub lokalne. Pozbywanie się sprzętu we właściwy sposób i jego recykling pomogą zapobiec potencjalnie negatywnym konsekwencjom dla środowiska i zdrowia ludzkiego. W celu uzyskania szczegółowych informacji o usuwaniu starego sprzętu, prosimy zwrócić się do lokalnych władz, służb oczyszczania miasta lub sklepu, w którym produkt został nabyty.

## Português (Portuguese) - Informação ambiental para clientes da União Europeia

A Directiva Europeia 2002/96/CE exige que o equipamento que exibe este símbolo ≚ no produto e/ou na sua embalagem não seja eliminado junto com os resíduos municipais não separados. O símbolo indica que este produto deve ser eliminado separadamente dos resíduos domésticos regulares. É da sua responsabilidade eliminar este e qualquer outro equipamento eléctrico e electrónico através das instalações de recolha designadas pelas autoridades governamentais ou locais. A eliminação e reciclagem correctas ajudarão a prevenir as consequências negativas para o ambiente e para a saúde humana. Para obter informações mais detalhadas sobre a forma de eliminar o seu equipamento antigo, contacte as autoridades locais, os serviços de eliminação de resíduos ou o estabelecimento comercial onde adquiriu o produto.

#### Română (Romanian) - Informații de mediu pentru clienții din Uniunea Europeană

Directiva europeană 2002/96/CE impune ca echipamentele care prezintă acest simbol 🛎 pe produs și/sau pe ambalajul acestuia să nu fie casate împreună cu gunoiul menajer municipal. Simbolul indică faptul că acest produs trebuie să fie casat separat de gunoiul menajer obișnuit. Este responsabilitatea dvs. să casați acest produs și alte echipamente electrice și electronice prin intermediul unităților de colectare special desemnate de guvern sau de autoritățile locale. Casarea și reciclarea corecte vor ajuta la prevenirea potențialelor consecințe negative asupra sănătății mediului și a oamenilor. Pentru mai multe informații detaliate cu privire la casarea acestui echipament vechi, contactați autoritățile locale, serviciul de salubrizare sau magazinul de la care ați achiziționat produsul.

## Slovenčina (Slovak) - Informácie o ochrane životného prostredia pre zákazníkov v Európskej únii

Podľa európskej smernice 2002/96/ES zariadenie s týmto symbolom ≚ na produkte a/alebo jeho balení nesmie byť likvidované spolu s netriedeným komunálnym odpadom. Symbol znamená, že produkt by sa mal likvidovať oddelene od bežného odpadu z domácností. Je vašou povinnosťou likvidovať toto i ostatné elektrické a elektronické zariadenia prostredníctvom špecializovaných zberných zariadení určených vládou alebo miestnymi orgánmi. Správna likvidácia a recyklácia pomôže zabrániť prípadným negatívnym dopadom na životné prostredie a zdravie ľudí. Ak máte záujem o podrobnejšie informácie o likvidácii starého zariadenia, obráťte sa, prosím, na miestne orgány, organizácie zaoberajúce sa likvidáciou odpadov alebo obchod, v ktorom ste si produkt zakúpili.

#### Slovenščina (Slovene) - Okoljske informacije za stranke v Evropski uniji

Evropska direktiva 2002/96/ES prepoveduje odlaganje opreme s tem simbolom 🛎 – na izdelku in/ali na embalaži z nesortiranimi komunalnimi odpadki. Ta simbol opozarja, da je treba izdelek zavreči ločeno od preostalih gospodinjskih odpadkov. Vaša odgovornost je, da to in preostalo električno in elektronsko opremo oddate na posebna zbirališča, ki jih določijo državne ustanove ali lokalne oblasti. S pravilnim odlaganjem in recikliranjem boste preprečili morebitne škodljive vplive na okolje in zdravje ljudi. Če želite izvedeti več o odlaganju stare opreme, se obrnite na lokalne oblasti, odlagališče odpadkov ali trgovino, kjer ste izdelek kupili.

#### Suomi (Finnish) - Ympäristöä koskevia tietoja EUalueen asiakkaille

EU-direktiivi 2002/96/EY edellyttää, että jos laitteistossa on tämä symboli ≚ itse tuotteessa ja/tai sen pakkauksessa, laitteistoa ei saa hävittää lajittelemattoman yhdyskuntajätteen mukana. Symboli merkitsee sitä, että tämä tuote on hävitettävä erillään tavallisesta kotitalousjätteestä. Sinun vastuullasi on hävittää tämä elektroniikkatuote ja muut vastaavat elektroniikkatuotteet viemällä tuote tai tuotteet viranomaisten määräämään keräyspisteeseen. Laitteiston oikea hävittäminen estää mahdolliset kielteiset vaikutukset ympäristöön ja ihmisten terveyteen. Lisätietoja vanhan laitteiston oikeasta hävitystavasta saa paikallisilta viranomaisilta, jätteenhävityspalvelusta tai siitä myymälästä, josta ostit tuotteen.

## Svenska (Swedish) - Miljöinformation för kunder i Europeiska unionen

Det europeiska direktivet 2002/96/EC kräver att utrustning med denna symbol ≚ på produkten och/eller förpackningen inte får kastas med osorterat kommunalt avfall. Symbolen visar att denna produkt börkastas efter att den avskiljts från vanligt hushållsavfall. Det faller på ditt ansvar att kasta denna och annan elektrisk och elektronisk utrustning på fastställda insamlingsplatser utsedda av regeringen eller lokala myndigheter. Korrekt kassering och återvinning skyddar mot eventuella negativa konsekvenser för miljön och personhälsa. För mer detaljerad information om kassering av din gamla utrustning kontaktar du dina lokala myndigheter, avfallshanteringen eller butiken där du köpte produkten.



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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the

materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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The implementation was written so as to conform with Netscape's SSL.

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