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CheetahAccessTM Wireless Gateway AC-IG2004W

Quick Installation Guide







CheetahAccess[™] Wireless Gateway

10/100 Mbps Wireless Gateway with 3 10/100 Mbps (RJ-45) Ethernet LAN ports, and 1 10Mbps (RJ-45) WAN Port



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Introduction

Congratulations on your purchase of Accton's CheetahAccess™ Wireless Gateway.

The CheetahAccess Wireless Gateway is a broadband router designed to share Internet Access, provide security, and to network multiple devices with and without wires. This gateway's simple installation setup can be used by the least experienced of users, while providing networking professionals with easy to configure advanced features. Please read the User Guide for advanced features of this product.

Thank you for purchasing an Accton product. We know you will enjoy the many features of the Accton CheetahAccess Wireless Gateway.

Package Contents

- · One Accton CheetahAccess Wireless Gateway
- One Power Adapter (5 V, 2.4 A)
- This Quick Installation Guide
- One Installation CD
- One Category 5 Fast Ethernet Cable

Confirm That You Meet Installation Requirements

Before proceeding with the installation of your CheetahAccess Wireless Gateway, please be sure you have the following:

- · A computer with an Ethernet network card installed
- Your Windows CD, if your computer is running Windows 95, 98, ME or 2000
- An Internet connection through a cable or DSL modem, or an external dial-up or ISDN modem
- An additional Ethernet network cable
- · A Web browser such as Internet Explorer or Netscape

Hardware Setup

Indicator LEDs

Front Panel



The front panel of the CheetahAccess Wireless Gateway provides indicator LEDs (Light Emitting Diodes) for easy monitoring. The following table defines the function of each LED.

LED	Condition	Status
Power (green)	On	Gateway is receiving power.
WLAN (green)	On	The WAN port has established a valid wireless connection.
WAN (green)	On	The WAN port has established a valid network connection.
LAN		
Link (green)	On	The indicated LAN port has established a valid network connection.
Activity (amber)	Flashing	The indicated LAN port is transmitting or receiving traffic.

Connecting Devices



- Connecting Computers with Wires: Connect computers directly to the Gateway on ports 1-3 on the rear panel. If you have more than 3 computers to plug in, connect a hub or a switch to one of these ports and connect additional computers to that device.
- 2. Connecting Wireless Computers: Simply make sure your wireless computers are within range of the Gateway.
- 3. Connecting a Cable Modem or DSL Modem: Connect your Cable or DSL modem to the WAN port on the rear panel.

- 4. Connecting a Dial-up Modem: If you use an external dial-up modem or ISDN modem, connect it to the COM port on the rear panel.
- Connecting Printer: If you have a printer that you want to share between computers, connect it to the Printer port using a standard parallel printer cable. Or, if your printer already has an Ethernet card, it may be plugged into ports 1-3.
- 6. Power: Plug the power adapter into the power jack (5 V/2 A).

Configuring Wireless Connections

Make sure each wireless network adapter is properly installed along with all associated drivers and utilities. (Please see your wireless adapter's documentation for complete setup information.) You may need to change certain settings for your wireless network card to communicate with the Gateway. Use the following values where they apply:

Network Type: Infrastructure

SSID: default

Channel: 6 for North America; 7 for European (ETSI); 7 for Japan

WEP Security: Disable

Note: We recommend establishing your wired connections to the Gateway before setting up your wireless connections.

Configuring Your Computer

This Quick Installation Guide provides configuration instructions for Windows 95, 98, ME, NT4.0 and 2000 as well as for Mac OS 7.x and 8.x. Please be sure that you are following the proper instruction set for your operating system.

- Configuring Your Computer with Windows 95/98/ME begins on this page.
- · Configuring Your Computer with Windows 2000 begins on page 12.
- Configuring Your Computer with Windows NT 4.0 begins on page 19.
- · Configuring Your Macintosh Computer begins on page 27.

Configuring Your Computer with Windows 95/98/ME

You may find that the instructions here do not exactly match your version of Windows. This is because these steps and screenshots were created from Windows 98. Windows 95 and Windows Millennium Edition are very similar, but not identical, to Windows 98.

Step 1. Configure TCP/IP Settings

After you have completed the hardware setup by connecting your devices, configure your computer to connect to your Gateway. Many ISPs issue these numbers automatically using a networking technology known as Dynamic Host Configuration Protocol, or DHCP. Other ISPs will specify your IP address and associated numbers, which you must enter manually. This is also known as a static IP address. How your ISP assigns your IP address determines how you will configure your computer.

Here is what to do:

1. From the Windows desktop, click the "Start" button. Choose "Settings," then click "Control Panel."



2. From "Control Panel" Double-click the "Network" icon.

🗟 Control Panel						_ 🗆 ×
	orites <u>H</u> elp					-
Back Forward	ti Up Map () rive Disconned	t Cut	Copy	Paste	»
Address 🞯 Control Panel						•
	Accessibility Options	Add New Hardware	Add/Remove Programs	Date/Time	Display	
Panel	<i>×</i>	Aa	ø.	\$	*	
Use the settings in	Find Fast	Fonts	Game Controllers	Internet Options	Keyboard	- 1
Control Panel to personalize your computer.	((p)) 	٨		Õ	<u>60</u>	
Select an item to view its description.	LiveUpdate	Mail	Modems	Mouse	Multimedia	
Microsoft Home	Network		Resswords	V.	Printers	
lechnical Support		Sources (32bit)	1 033770103	Management	THREES	_
26 object(s)				My Computer		

3. In the "Network" window, under the "Configuration" tab, double-click the "TCP/ IP" component that is listed with your network card.

Network	? ×
Configuration Identification Access Control	
, , ,	
The following network components are installed:	
Client for Microsoft Networks	_
Accton EN2328/2228A 10/100 Mbps PCMCIA Fa	ast Ether
TCP/IP -> Accton EN2328/2228A 10/100 Mbos	PEMEN
TCP/IP -> Dial-Up Adapter	_
•	
Add Remove Pro	perties
Prinam Maturati Lagan	
Client for Microsoft Networks	
Cilencio microsoft Networks	
File and Print Sharing	
Description	
TCP/IP is the protocol you use to connect to the Int	ernet and
wide-area networks.	
ок	Cancel

4. Select the "IP Address" tab.

CP/IP Properties				? ×
Bindings	Adv	anced	N	etBIOS
DNS Configuration	Gateway	WINS Confi	guration	IP Address
An IP address can If your network dou your network admi the space below.	be automal as not autor nistrator for	tically assigne natically assign an address, ar	d to this c n IP addri nd then ty	omputer. esses, ask ype it in
Obtain an IP	address au	tomatically		
	addiess.			
Sybnet Mas	k:			
		OK		Cancel

If "Obtain an IP address automatically" is already selected, your computer is already configured for DHCP. Click "Cancel" to close each window, and skip to Step 2 "Disable HTTP Proxy."

- 5. Locate your IP address and Subnet Mask. Record them in the spaces provided below.
- 6. Click the "Gateway" tab and record the numbers listed under "Installed gateways."

TCP/IP Properties	? ×
Bindings Advanced NetBID DNS Configuration Gateway WINS Configuration IP A	S Address
The first gateway in the Installed Gateway list will be the de The address order in the list will be the order in which these machines are used.	efault. e
New gateway:	
Installed gateways:	
ОКС	ancel

7. Click the "DNS Configuration" tab. Locate the DNS servers listed under "DNS Server Search Order." Record any listed addresses.

TCP/IP Properties		? ×
Bindings DNS Configuration	Advanced Gateway WINS Cor	NetBIOS figuration IP Address
Disable DNS <u>Enable DNS</u>		
Host:	D <u>o</u> main:	
DNS Server Sea	reh Order	∆dd
10.2.3.4 168.195.1.	.1	Bemove
Domain Suffix Se	earch Order	6dd
		Remove
		IK Cancel

- After writing down your settings, check to make sure you have recorded them correctly. Click the "IP Address" tab and then click "Obtain an IP address automatically." Click "OK."
- 9. Windows may need your Windows 95/98/ME CD to copy some files. After it finishes copying, it will then prompt you to restart your system. Click "Yes" and your computer will shut down and restart.

System S	Settings Change 🛛 🕅
?	You must restart your computer before the new settings will take effect. Do you want to restart your computer now?
	<u>Yes</u> <u>N</u> o

TCP/IP Configuration Setting

IP Address			
Subnet Mask	 		
Primary DNS Server	 		
Secondary DNS Server	 		
Default Gateway	 	·	
Host Name			

Step 2. Disable HTTP Proxy

You will need to verify that the "HTTP Proxy" feature of your web browser is disabled. This is so that your Web browser will be able to view the configuration pages inside your Gateway. The following steps are for Internet Explorer and for Netscape. Determine which browser you use and follow the appropriate steps.

Internet Explorer

1. Open Internet Explorer and click the Stop button. Click "Tools," then "Internet Options."



2. In the "Internet Options" window click the "Connections" tab. Next, click the "LAN Settings..." button.

nternet Options	? >
General Security Content Connections Programs	Advanced
Use the Internet Connection Wizard to connect your computer to the Internet.	Setup
Dial-up settings	
	A <u>d</u> d
	<u>R</u> emove
	Settings
Neveratial a genneation Dial <u>whenever</u> a network connection is not prese Always dal my default ogmection Current default: None Eerform system security check before dialing	nt S <u>e</u> t Default
Local Area Network (LAN) settings	LAN Settings
OK Can	cel <u>Apply</u>

3. Clear all the checkboxes.

Automatic col use of manua	nfiguration may I settings, disab	override manu le automatic ci	al settings. onfiguratior	To ensure the
C Automatic	ally detect setti	ngs		
Use autor	matic configurat	ion <u>s</u> cript		
Proxy server				
🗌 Use a pro	xy server			
		Port		Advanged
🗖 Bypas				

4. Click "OK," and then click "OK" again to close the "Internet Options" window.

Netscape

1. Open Netscape and click the stop button. Click "Edit," then click "Preferences..."



2. In the "Preferences" window, under "Category" click "Advanced," then click "Proxies." Select "Direct connection to the Internet." Click "OK."

Preferences	x
Extegory: ☐ Appearance ☐ Fonts ☐ Navigator ☐ Languages Applications Smart Browing ☐ dently ☐ Advanced ☐ Proxies	Proces Configure provise to access the Internet A network proxy is used to provide additional security between your consultate and the Internet (usualy along with a fitewall) end/or to to us access; • @
	OK Cancel Help

3. Repeat these steps for each Windows 95/98/ME computer connected to your CheetahAccess Wireless Gateway.

Step 3. Obtain IP Settings from Your Gateway

Now that you have configured your computer to connect to your CheetahAccess Wireless Gateway, it needs to obtain new network settings. By releasing any old IP settings and renewing them with settings from your CheetahAccess Wireless Gateway, you will also verify that you have configured your computer correctly.

1. Click "Start," then "Run..."



 Type "WINIPCFG" and click "OK." It may take a minute or two for the "IP Configuration" window to appear.



 From the drop-down menu, select your network card. Click "Release" and then "Renew." Verify that your IP address is now 192.168.2.xxx, your Subnet Mask is 255.255.255.0 and your Default Gateway is 192.168. 2.1. These values confirm that your CheetahAccess Wireless Gateway is functioning. Click "OK" to close the "IP Configuration" window.

P Configuration Ethernet Adapter Information	_
	CHEETAH ETHERCARD EN222
Adapter Address	00-E0-29-75-35-9E
IP Address	192.168.2.161
Subnet Mask	255.255.255.0
Default Gateway	192.168.2.1
OK R Release All Re	elease Renew

Now that your computer is configured to connect to your CheetahAccess Wireless Gateway, please skip to "Configuring Your CheetahAccess Wireless Gateway" page 33.

Configuring Your Computer with Windows 2000

Step 1. Configure TCP/IP Settings

After you have completed the hardware setup by connecting your devices, configure your computer to connect to your CheetahAccess Wireless Gateway. Many ISPs issue these numbers automatically using a networking technology known as Dynamic Host Configuration Protocol, or DHCP. Other ISPs will specify your IP address and associated numbers, which you must enter manually. This is also known as a static IP address. How your ISP assigns your IP address determines how you will configure your computer.

Here is what to do:

1. From the Windows desktop, click the "Start" button. Choose "Settings," then click "Control Panel."



2. Double-click the "Network & Dial-Up Connections" icon.

🗟 Control Panel					
File Edit View Favorites	Tools Help				1
] ← Back → → → 🖬 🛛 🔕 Sea	rch 🕒 Folders	History	副房×4) <u></u> .	Links »
Address 🞯 Control Panel					▼ @Go
Gan L	Display	Folder Options	s Fonts	Game Controllers	GSNW 🔺
Control Panel	\$		**	۱	Ø
Network and Dial-up	Internet Options	Keyboard	Licensing	Mail	Mouse
Connects to other computers, networks, and the Internet			ų	S	- 🌍 🗌
Windows Update Windows 2000 Support	Network and Dial-up Connections	Phone and Modem	Power Options	Printers	Regional Options
		٦		ļ	· 🕲 🗍
	•				
Connects to other computers, networ	ks, and the Intern	et		🖳 My Comp	uter //

3. Double-click the icon that corresponds to the connection to your CheetahAccess Wireless Gateway.



4. Click "Properties."

Local Area Connection 1 Status	?×
General	
Connection	
Status:	Connected
Duration:	00:15:12
Speed:	10.0 Mbps
Activity Sent — Et Packets: 49	- Received 0
Properties Disable	
	<u>C</u> lose

5. Double-click "Internet Protocol (TCP/IP)."

ocal Area Connection (8 Properties		? ×
General Sharing			
Connect using:			
Accton EN2328/	/2228A 10/100 Mbps	PCMCIA	Fast Ether
			Configure
Components checked a	are used by this conn	ection:	
File and Printer	Sharing for Microsoft ol (TCP/IP)	Network:	\$
Install	Uninstall	P	roperties
Description Transmission Control wide area network pr across diverse interc	Protocol/Internet Pro rotocol that provides onnected networks. ar when connected	otocol. Th communic	e default cation
		ок (Cancel

 All information you need to record is on the "Internet Protocol (TCP/IP) Properties" dialog box. Use the spaces below to record the information.

Internet Protocol (TCP/IP) Properti	es	? ×
General		
You can get IP settings assigned auto this capability. Otherwise, you need to the appropriate IP settings.	matically if your network supports ask your network administrator fr	s or
Obtain an IP address automatica	aly	
C Use the following IP address: —		
[P address:		
S <u>u</u> bnet mask:		
Default gateway:		
Obtain DNS server address auto	matically	
C Use the following DNS server ac	Idresses:	_
Ereferred DNS server:		
Alternate DNS server:		
	Advanced	
,	OK Car	ncel

If "Obtain an IP address automatically" and "Obtain DNS server address automatically" are already selected, your computer is already configured for DHCP. Click "Cancel" to close each window, and skip to Step 2 "Disable HTTP Proxy."

 Select "Obtain an IP address automatically" and then select "Obtain DNS server address automatically." Then click "OK." Click "OK" or "Close" to close each window.

TCP/IP Configuration Setting

IP Address	· · · ·
Subnet Mask	
Primary DNS Server	
Secondary DNS Server	
Default Gateway	
Host Name	

Step 2. Disable HTTP Proxy

You will need to verify that the "HTTP Proxy" feature of your web browser is disabled. This is so that your web browser will be able to view the configuration pages inside your CheetahAccess Wireless Gateway. The following steps are for Internet Explorer and for Netscape. Determine which browser you use and follow the appropriate steps.

Internet Explorer

1. Open Internet Explorer and click the stop button. Click "Tools," then "Internet Options."



2. In the "Internet Options" window click the "Connections" tab. Next, click the "LAN Settings..." button.

ternet Options	?
General Security Content Connections Programs A	dvanced
Use the Internet Connection Wizard to connect your computer to the Internet.	Set <u>u</u> p)
Dial-up settings	
	A <u>d</u> d
	<u>R</u> emove
	Settings
C Diel whenever a network connection is not present Diel whenever a network connection Always del my default connection Current default: None Default some default: None	S <u>e</u> i Default
Local Area Network (LAN) settings	AN Settings
OK Cancel	Apply

3. Clear all the checkboxes.

Automatic co use of manua	nfiguration may al settings, disab	override manual set le automatic configu 	tings. To ensure the uration.
I Automati	cally detect setti	ngs	
I Use auto	matic configurat	ion script	
]		
Proxy server			
🗖 Use a pro	xy server		
		Ports	Advanged
🗖 Вура			

4. Click "OK," and then click "OK" again to close the "Internet Options" window.

Netscape

1. Open Netscape and click the stop button. Click "Edit," then click "Preferences..."



2. In the "Preferences" window, under "Category" double-click "Advanced," then click "Proxies." Select "Direct connection to the Internet." Click "OK".

Preferences				×
Category:				
Appearance Forts Colors Colors Languages Applications Gental Browsing Identity Advanced Cache Provises	Proxies A network proxy computer and H increase perform via caching. C Direct con C Manual pro C Automatic Configurat	(is used to prove le Internet (urual) ance between n nection to the Int oxy configuration proxy configuration proxy configuration (URL	Eonligure proxies to access the e additional security between y dong with a firewall and/or etworks by inducing indunder termes <u>View.</u> on <u>Receiptions of the security of the <u>Receiption</u></u>	e Internet your to thraffic
		OK	Cancel	Help

Step 3. Obtain IP Settings from Your Gateway

Now that you have configured your computer to connect to your CheetahAccess Wireless Gateway, it needs to obtain new network settings. By releasing any old IP settings and renewing them with settings from your CheetahAccess Wireless Gateway, you will also verify that you have configured your computer correctly.

1. From the Windows desktop, click the "Start" button, then "Programs," then "Accessories," and then click "Command Prompt."



 In the "Command Prompt" window, type "IPCONFIG /RELEASE" and press the <ENTER> key.



 Type "IPCONFIG/RENEW" and press the <ENTER> key. Verify that your IP address is now 192.168.2.xxx, your Subnet Mask is 255.255.255.0 and your Default Gateway is 192.168.2.1. These values confirm that your CheetahAccess Wireless Gateway is functioning.



4. Type "EXIT" and press <ENTER> to close the "Command Prompt" window.

Now that your computer is configured to connect to your CheetahAccess Wireless Gateway, please skip to "Configuring Your CheetahAccess Wireless Gateway" on page 33.

Configuring Your Computer with Windows NT 4.0

Step 1. Configure TCP/IP Settings

After you have completed the hardware setup by connecting your devices, configure your computer to connect to your CheetahAccess Wireless Gateway. Many ISPs issue these numbers automatically using a networking technology known as Dynamic Host Configuration Protocol, or DHCP. Other ISPs will specify your IP address and associated numbers, which you must enter manually. This is also known as a static IP address. How your ISP assigns your IP address determines how you will configure your computer.

Here is what to do:

1. From the Windows desktop click "Start," then "Settings," and click "Control Panel."



2. Double-click the "Network" icon.



3. Select the "Protocols" tab.

Network Statement	'×
Identification Services Protocols Adapters Bindings	
Network Protocols:	
TCP/IP Protocol	-
Add Bemove Properties Update Description: Transport Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.	
OK Cance	

- 4. Double-click "TCP/IP Protocol."
- 5. Select the "IP Address" tab.

6. In the "Adapter" drop-down list, be sure your Ethernet adapter is selected.

Microsoft TCP/IP Properties ? 🗙
IP Address DNS WINS Address Routing
An IP address can be automatically assigned to this network card by a DHCP server. If your network does not have a DHCP server, ask your network administrator for an address, and then type it in the space below.
Adapter:
[1] Accton EN1207B PCI Fast Ethernet Adapter
C <u>O</u> btain an IP address from a DHCP server C <u>Specify</u> an IP address
IP Address: 192 . 168 . 123 . 5
Subnet Mask: 255 . 255 . 0
Default <u>G</u> ateway:
Advanced
OK Cancel Apply

If "Obtain an IP address automatically" is already selected, your computer is already configured for DHCP. Click "Cancel" to close each window, and skip to Step 2 "Disable HTTP Proxy."

7. In the "TCP/IP Properties" dialog box, click the "IP address" tab to locate your IP address, subnet Mask, and default gateway. Record these values in the spaces provided below.

8. Click the "DNS" tab to see the primary and secondary DNS servers. Record these values in the appropriate spaces below.

Microsoft TCP/IP Properties	? ×
IP Address DNS WINS Address Routing	
Domain Name System (DNS)	
Host Name: Domain:	
DEMCOMPUTER	
DNS Service Search Order	
	Цр†
	Down
Add Edit Remove	
Domain Suffix Search Order	
	Up†
	Down
	- DOWER
Add Edit Remove	
OK Cancel	Apply

- After writing down your IP settings, click the "IP address" tab. Select "Obtain IP address automatically" and click "OK." Click "OK" again to close the "Network" window.
- 10. Windows may copy some files, and will then prompt you to restart your system. Click "Yes" and your computer will shut down and restart.

TCP/IP Configuration Setting			
IP Address	·	·	·
Subnet Mask			-
Primary DNS Server			
Secondary DNS Server			
Default Gateway	·		·
Host Name			

Step 2. Disable HTTP Proxy

You will need to verify that the "HTTP Proxy" feature of your web browser is disabled. This is so that your web browser will be able to view the configuration pages inside your CheetahAccess Wireless Gateway. The following steps are for Internet Explorer and for Netscape. Determine which browser you use and follow the appropriate steps.

Internet Explorer

1. Open Internet Explorer and click the stop button. Click "Tools," then "Internet Options."



2. In the "Internet Options" window click the "Connections" tab. Next, click the "LAN Settings..." button.

ternet Options	?
General Security Content Connections Programs	Advanced
Use the Internet Connection Wizard to connect your computer to the Internet.	Setup
Dial-up settings	
	A <u>d</u> d
	<u>R</u> emove
	<u>S</u> ettings
Trever del a gomestion Dial <u>whenever</u> a network connection is not prese Always del my default connection Current default None Detrom sistem security check before disfon	nt S <u>e</u> t Default
Local Area Network (LAN) settings	LAN Settings
OK Can	cel Apply

3. Clear all the checkboxes.

Automatic con Automatic cor use of manual	figuration figuration may over settings, disable au	ride manual setti utomatic configur	ngs. To ensure the ation.
C Automatic	ally detect settings		
🔲 Use autom	natic configuration s	eript	
Proxy server			
🔲 Use a pro <u>s</u>	y server		
		Port	Advanged
🗖 Bypas			
		OK	Cancel

4. Click "OK," and then click "OK" again to close the "Internet Options" window.

Netscape

1. Open Netscape and click the stop button. Click "Edit," then click "Preferences..."



2. In the "Preferences" window, under "Category" double-click "Advanced," then click "Proxies." Select "Direct connection to the Internet." Click "OK"

Preferences				×
Category:				
Appearance Forts Colors Colors Languages Applications Gental Browsing Identity Advanced Cache Provises	Proxies A network proxy computer and H increase perform via caching. C Direct con C Manual pro C Automatic Configurat	(is used to prove le Internet (urual) ance between n nection to the Int oxy configuration proxy configuration proxy configuration (URL	Eonligure proxies to access the e additional security between y dong with a firewall and/or etworks by inducing indunder termes <u>View.</u> on <u>Receiptions of the security of the <u>Receiption</u></u>	e Internet your to thraffic
		OK	Cancel	Help

Step 3. Obtain IP Settings from Your Gateway

Now that you have configured your computer to connect to your CheetahAccess Wireless Gateway, it needs to obtain new network settings. By releasing any old IP settings and renewing them with settings from your CheetahAccess Wireless Gateway, you will also verify that you have configured your computer correctly.

1. From the Windows desktop, click the "Start" button, then "Programs," and then select "Command Prompt."



2. In the "Command Prompt" window, type "IPCONFIG/RELEASE" and press the <ENTER> key.



- Type "IPCONFIG /RENEW" and press the <ENTER> key. Verify that your IP address is now 192.168.2.xxx, your Subnet Mask is 255.255.255.0 and your Default Gateway is 192.168.2.1. These values confirm that your CheetahAccess Wireless Gateway is functioning.
- 4. Type "EXIT" and press <ENTER> to close the "Command Prompt" window.

Now that your computer is configured to connect to your CheetahAccess Wireless Gateway, please continue to "Configuring Your CheetahAccess Wireless Gateway" on page 33.

Configuring Your Macintosh Computer

You may find that the instructions here may not exactly match your screen. This is because these steps and screenshots were created using Mac OS 8.5. Mac OS 7.x and above are all very similar, but may not be identical to Mac OS 8.5.

Step 1. Configure TCP/IP Settings

After you have completed the hardware setup by connecting your devices, configure your computer to connect to your CheetahAccess Wireless Gateway. Many ISPs issue these numbers automatically using a networking technology known as Dynamic Host Configuration Protocol, or DHCP. Other ISPs will specify your IP address and associated numbers, which you must enter manually. This is also known as a static IP address. How your ISP assigns your IP address determines how you will configure your computer.

Here is what to do:

1. Pull down the Apple Menu. Click "Control Panels" and select "TCP/IP."



2. In the TCP/IP dialog box, make sure that "Ethernet" is selected in the "Connect Via:" field.

	TCP/IP	8
Connect via:	Ethernet 🗢	
Configure :	Using DHCP Server 😫	
DHCP Client ID :		
IP Address:	\langle will be supplied by server \rangle	
Subnet mask :	< will be supplied by server >	
Router address:	\langle will be supplied by server \rangle	
		Search domains :
Name server addr.:	$\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\forall}}}}$ will be supplied by server $\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\forall}}}}$	
0		

If "Using DHCP Server" is already selected in the "Configure" field, your computer is already configured for DHCP. Close the TCP/IP dialog box, and skip to Step 2 "Disable HTTP Proxy."

- 3. All the information you need to record is in the "TCP/IP" dialog box. Use the space below to record the information.
- 4. After writing down your IP settings, select "Using DHCP Server" in the "Configure" field and close the window.
- Another box will appear asking whether you want to save your TCP/IP settings. Click "Save."



TCP/IP Configuration Setting

P Address	•	•	•
Subnet Mask			-
Primary DNS Server		·	
Secondary DNS Server			
Default Gateway			
Host Name			

Step 2. Disable HTTP Proxy

You will need to verify that the "HTTP Proxy" feature of your web browser is disabled. This is so that your web browser will be able to view the configuration pages inside your CheetahAccess Wireless Gateway. The following steps are for Internet Explorer and for Netscape. Determine which browser you use and follow the appropriate steps.

Internet Explorer

1. Open Internet Explorer and click the stop button. Click "Edit" and select "Preferences."



2. In the Internet Explorer Preferences window, under "Network," select "Proxies."

		Internet Explorer Preferences	E
Security		If you are accessing the Internet from a private network, you can set gateways to allow Internet access. Contact your network manager for	
Security Zones		more information. Note: These settings are shared with other	
Ratings		applications through internet Config.	
Advanced		Use Proxy Servers	1
🗢 Forms AutoFill		Web Proxy: Settings	
Forms AutoComplete		Use Web Proxy for all	
AutoFill Profile		Bypass Web Proxy for FTP	
		Secure Proxy: Settings	
Download Options			
File Helpers		Mail Proxy:	
Cookies		Gopher Proxy: Settings	
→ Network		List the sites you uppt to connect to directly, hypersing the provise	1
Protocol Helpers		set above. Put a space or comma between each site.	
Proxies			1
Site Passwords			
⇒ E-mail			
General	◄		1
	_		5
0		Cancel OK	J

3. Uncheck all checkboxes and click "OK."

Netscape

1. Open Netscape and click the stop button. Click "Edit" and select "Preferences."



2. In the "Preferences" dialog box, in the left-hand column labeled "Category," select "Advanced". Under the "Advanced" category, select "Proxies."

	Preferences
Category: Applications Smart Provs ing ⁴⁴ Mail & Nevsgroups Identify Mail & Revsgroups Identify Mail Servers Addressing Messages Vindow Settings Copies & Folders Formatting Return Resipts Dist Space Composer Volubish Rearing Access Server Info File Selection The Selection	Procies Configure proxies to access the internet. A network proxy is used to provide additional security between your computer and the internet (usually along with a finewall) and/or to increase performance between networks by reducing reducing reducing tradiant tradiant varies us a setting.
Download	
Download	
Advanced	3
Cache	
Proxies	
Smar (Update	Help Cancel OK

3. Select "Direct Connection to the Internet" and click "OK."

Step 3. Obtain IP Settings from Your Gateway

Now that you have configured your computer to connect to your CheetahAccess Wireless Gateway, it needs to obtain new network settings. By releasing any old IP settings and renewing them with settings from your CheetahAccess Wireless Gateway, you will also verify that you have configured your computer correctly.

1. Pull down the Apple Menu. Click "Control Panels" and select "TCP/IP."



2. In the TCP/IP window, your new settings will be shown. Verify that your IP address is now 192.168.2.xxx, your Subnet Mask is 255.255.255.0 and your Default Gateway is 192.168.2.1. These values confirm that your CheetahAccess Wireless Gateway is functioning.

	TCP/IP	
Connect via:	Ethernet 🔹	
Configure :	Using DHCP Server 😫	
DHCP Client ID :		
IP Address:	\langle will be supplied by server \rangle	
Subnet mask :	<pre>< will be supplied by server ></pre>	
Router address :	$\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\vee}}}}$ will be supplied by server $\boldsymbol{\boldsymbol{\boldsymbol{\vee}}}$	
		Search domains :
Name server addr.:	< will be supplied by server >	
0		

3. Close the TCP/IP window.

Now that your computer is configured to connect to your CheetahAccess Wireless Gateway, please skip to "Configuring Your CheetahAccess Wireless Gateway" on the next page.

Configuring Your Gateway

Now that you have successfully configured your computer and retrieved your new network settings from your CheetahAccess Wireless Gateway, you are ready to configure the CheetahAccess Wireless Gateway's settings for your LAN.

- 1. Open your web browser (i.e. Internet Explorer or Netscape Navigator) and click the stop button.
- 2. In the "Address" field type "http://192.168.2.1" and press <ENTER>.



3. The CheetahAccess Wireless Gateway login screen will appear. Leave the Password field empty and click on "Login." There is no password by default. For security reasons, you should assign a password as soon as possible. Note that the password login is case sensitive.



4. On the main page of the CheetahAccess Wireless Gateway web console, click "Setup."



 The CheetahAccess Wireless Gateway's automated setup process will take you through each step for setting up your CheetahAccess Wireless Gateway. Click "Enter" to start the process.



Using a password can protect your CheetahAccess Wireless Gateway from unauthorized changes. Not using a password can easily leave your CheetahAccess Wireless Gateway-and your network-open to security risks. We recommend using a password for the security of your network. If you use a password, write it down and keep it in a safe place, or make sure you can remember it. 6. In the "Change Password" screen, enter your current password in the "Current Password" field. If you have not set a password before, leave it blank. Choose a password for your CheetahAccess Wireless Gateway and enter it in the next two fields, "New Password" and "Re-Enter Password for Verification."



- 7. Click "ENTER" when finished.
- 8. Select your time zone from the list and click "ENTER."



The LAN screen is where you configure the LAN (Local Area Network) settings of your CheetahAccess Wireless Gateway. These settings will only be visible to your local network and not to the Internet.

 In most applications, you should not change the "IP address" from the default (192.168.2.1). However, if you are installing your CheetahAccess Wireless Gateway within an existing network, you may need to change it to match your current addressing scheme.

🚰 Setup LAN - Microsoft Inb	ernet Explorer		
File Edit View Favorites	Tools Help		-
t + Back • → • 🔕 🖸 🙆	🖁 🥘 Search 🛛 📷 Favorite	is 🎯History 🖏 🗃 🚍	Links »
Address http://192.168.2.1:	88/setup_lan.htm		• @@
Accton	Main	<u>Setup Status Tools</u>	<u>Help</u>
Change Password	Setup LAN		
Set Time Zone	IP address	192 . 168 . 2 . 1	
	IP Subnet Mask	: 255.255.255.0	
LAN FORTH	DHCP Server	 Enabled C Disabled 	
WAN DHCP Fixed IP PPPoE Modem	Lease Time (x+o)	Forever	
DNS	Start IP	192 . 168 . 2 . 2	
Wireless Channel and SSID	End IP :	192 . 168 . 2 . 45	
ADVIA	Domain Name :		
Advanced Settings Firmwall Vintual Server Special Application Client Filtering MAC Filtering Miss		Click ENTER to save settings and continue.	
8		Some State S	r //.

By using the CheetahAccess Wireless Gateway's built-in DHCP (Dynamic Host Configuration Protocol) server you are allowing the CheetahAccess Wireless Gateway to handle all the IP addressing on your Local Area Network (LAN). This can save you much of the time and hassle of setting up your network. If you have a server on your network that requires a static IP address, you may still use the DHCP server and manually assign a static IP address to your server. We recommend leaving the DHCP Server "Enabled."

Houres 1100.000	2.1:88/setup_lan.htm	IXOXAXOXAXOX	
Accton	Main	<u>Setup</u> <u>Status</u> <u>Tools</u>	Help
Change Password	Setup LAN		
Set Time Zone	IP address	192 . 168 . 2 . 1	
	IP Subnet Mask	: 255.255.255.0	
AN SOLAR	DHCP Server	Enabled C Disabled	
NAN DHCP Dixed IP	Lease Time (seo)	: Forever	
Addem	IP address pool		
INS FREE	Start IP	192 . 168 . 2 . 2	
Vireless Channel and SSID	End IP	192 168 2 45	
Advanced Settings	Domain Name		
Trevall Artual Server Special Application Litent Filtering AAC Eiltering		Click ENTER to save settings and continue.)

- 10. In most applications, you should leave the DHCP Server "Enabled." If you prefer to handle all the IP addressing on your network yourself, click disable.
- 11. There is usually no need to change the IP address pool. If you change the pool range, make sure the first three octets match the CheetahAccess Wireless Gateway's IP address, i.e., 192.168.2.yyy.
- 12. The Domain Name is optional, but this information may be specified so that it can be passed to the client PCs.
- 13. Click "ENTER" when finished.

At this point, the LAN side of your CheetahAccess Wireless Gateway is now configured. But you must still configure it to connect to the Internet. There are three different general configurations for high-speed Internet connections. You need to know about your Internet connection to determine which configuration to use. You found out most of what you need to know when you recorded your IP settings in earlier steps. Here are some guidelines to determine which configuration you should use:

 If you connect to the Internet using a Cable Modem, your ISP probably uses DHCP to issue an IP address to you. If you use a Cable Modem or you know you use a dynamic IP address, please go to "Configuring Your CheetahAccess Wireless Gateway for a Dynamic IP Address" on the next page.

- If you connect to the Internet using a DSL Modem, your ISP probably requires you to manually enter your TCP/IP settings. If you have a DSL connection or if you know you use a static IP address, please go to "Configuring Your CheetahAccess Wireless Gateway for a Static IP Address" on page 42.
- If you connect to the Internet using a DSL Modem and you use a login name and password, your ISP uses PPPoE. If your ISP requires a login name and a password or you know your ISP uses PPPoE, please go to "Configuring Your CheetahAccess Wireless Gateway for PPPoE" on page 45.

Configuring Your Gateway for a Dynamic IP Address

Continuing from the previous steps "Configuring Your CheetahAccess Wireless Gateway" on page 33:

1. Select "Dynamic IP address," and click "More Configuration."



Both choices on this page for further configuring your dynamic IP address are optional, depending upon how your ISP works. If your ISP does not require you to change either of these, you may skip these settings.

If you subscribe to an @Home cable service, your computer probably requires a "Host Name" to obtain an IP address from the @Home network.

2. If you have a host name provided by your ISP (i.e. CX-1234-56789) enter it in the "Host Name" field.

🗿 Setup WAN Dynamic IP	ddress - Microsoft Internet Explore			_ 🗆 ×
File Edit View Favorites	Tools Help			-
← Back • → - 🙆 🗿 🙆	🛛 🐼 Search 🛛 📾 Favorites 🏼 🕥 Histor	· B• ∌ ⊠ E		Links »
Address http://192.168.2.1:	8/setup_wan_dhcp.htm			▼ @@
Accton	<u>Main</u> <u>Setup</u>	Status	Tools	▲ Help
Change Password	Setup WAN Dynamic IP Addr	255	1.809.971	×.4
Set Time Zone	Host Name			
WAN	MAC Address 00 - 22	- 22 - 22 -	22 - 31	
Eixed IP				
PPPoE	Clone MA	C Address		
20 Josep				
DNS	Click ENTER to a	we cettings and centinue	ENTER	
Wireless	CIER ENTER ID a	ave settings and continue.		
Channel and SSID				
AND ZIAS				
Advanced Settings				
Virtual Server				
Special Application Client Filtering				
MAC Filtering				
Misc				
LogOut				-
1				<u> </u>
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Some ISPs register the MAC Address of your network card. A MAC (Media Access Control) Address is a unique identification number (in hexadecimal digits) given to each networking device. Once your MAC address is registered, the ISP's server will verify that the MAC address you are connecting with matches the one that's registered. If it does not match, you cannot connect. The CheetahAccess Wireless Gateway's MAC Address will not be the same as your network card's address—and therefore will not be the same as the address that your ISP has registered—so you may need the CheetahAccess Wireless Gateway to "Clone" the address from your network card. Then the ISP will find a MAC Address that matches the one they have recorded.

3. If you need to "Clone" the MAC Address from your network card, click "Clone MAC Address." The MAC Address field will display the new address.

🚰 Setup WAN Dynamic IP i	Address - Microsoft Internet Explorer	_ 🗆 🗙
File Edit View Favorites	Tools Help	
← Back • → - 🙆 🔂 🙆	🖞 📿 Search 📾 Favorites 🎯 History 🔤 🗃 🗐	Links »
Address http://192.168.2.1:0	88/setup_wan_dhcp.htm	▼ @©
Accton	<u>Main Setup Status Tools</u>	Help -
Change Password	Setup WAN Dynamic IP Address	
Set Time Zone	Host Name	
LAN TOTAL		- I
WAN DHCP Fixed IP PPPRE	MAC Address 00 - 22 - 22 - 22 - 22 - 31	
DNS		- 1
AN AVAILA	Click ENTER to save settings and continue.	
Wireless Channel and SSID Encryption		
Advanced Settings Firewall Virtual Server Special Application Clent Filtering MAC Filtering Misc LogOut		
e]	Reg My Computer	r //

4. Click "ENTER" when finished.

A Domain Name Server (DNS) is like an index of IP addresses and Web addresses. If you type a Web address into your browser, such as www.acctontech.com, a DNS server will find that name in its index and find the matching IP address: 198.137.240.92. Most ISPs provide a DNS server for speed and convenience. Since you are connecting to the Internet with dynamic IP settings, it is likely that your DNS servers are also provided dynamically. 5. If you are connecting to the Internet with a dynamic IP address, you probably do not need to enter anything here. However, if there is a DNS server that you would rather use, enter the DNS server addresses in the spaces provided.

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Hie Eait view Pavorites Tools Hep	
↓ = Back • → · ② ② ☆ ② Search ⓐ Favorites ③History ि • ④ ॼ 🖻	Links »
Address http://192.168.2.1:88/setup_dns.htm	€ Go
Acction Main Setup Status Tools Help	
Change Password Setup DNS	- 1
Set Time Zone Has your Internet Service Provider given you a DNS address?	
LAN Domain Name Server (DNS) Address Secondary DNS Address (optional) DPS Wireles Channel and SSID Encyrtlint Advanced Assings Encyrtlint Second Applications Second Applications MADE Filterings MADE Second Applications Channel and Channel Applications Channel A	
(LogOut)	-
الا المعالم الم	

6. Click "ENTER" when finished.

Many ISP's use modems that automatically configure themselves. Sometimes connection information is stored on the modem and needs to be updated. You may need to shut down and restart your modem after you have configured your CheetahAccess Wireless Gateway.

7. Restart your cable modem by removing the power, waiting a few seconds, and then reconnecting it.

Congratulations! Configuration is complete and your CheetahAccess Wireless Gateway is now connected to the Internet. There are also some advanced configuration options that may be configured, but we do not recommend making any changes to these options unless you need to. You can consult the User Guide for information on these advanced settings.

For instructions for the advanced configuration options, please refer to Chapter 4 of the User Guide found on the CD.

Configuring Your Gateway for a Static IP Address

Continuing from the previous steps "Configuring Your CheetahAccess Wireless Gateway" on page 33:

1. Select "Static IP address," and click "More Configuration."



2. Enter the IP address, subnet mask, and gateway provided to you by your ISP in the appropriate fields. You recorded these numbers earlier when you configured your computer to connect to the CheetahAccess Wireless Gateway.

🗿 Setup WAN Fixed IP - Mi	crosoft Internet Explorer	×
File Edit View Favorites	Tools Help	i)
← Back • → • 🙆 🔂 🙆	🖞 📿 Search 💽 Favorites 🏈 History 🔄 - 🍠 🗐 📃 📃	"
Address http://192.168.2.1:	88/þetup_wan_fix.htm 💌 🔗 G	э
Accton	<u>Main Setup Status Tools Help</u>	•
Change Password	Setup WAN Fixed IP	
Set Time Zone	Has your Internet Service Provider given you an IP address and Gateway address?	
WAN DHCP	IP address assigned by your ISP	
Fixed IP PPPoE	Subnet Mask	
Modem	ISP Gateway Address	
DNS <u>Wireless</u> Channel and SSID Encryption	Click ENTER to save settings and continue.	
Advanced Settings Firewall Vintual Server Special Application Client Filtering MAC Filtering		
LogOut	و	_
e .	My Computer	

3. Click "ENTER" when finished.

A Domain Name Server (DNS) is like an index of names and Web addresses. If you type a Web address into your browser, such as www.acctontech.com, a DNS server will find that name in it's index and find the matching IP address: 198.137.240.92. Most ISPs provide a DNS server for speed and convenience. Since you are connecting to the Internet with static IP settings, it is likely that your ISP has also provided DNS server addresses.

4. Enter the DNS server address(es) in the spaces provided.

🚰 Setup DNS - Microsoft Inte	ernet Explorer
File Edit View Favorites	Tools Help
] ↓= Back • → - 🙆 🙆 🙆	🕺 🕲 Search 🗟 Favorites 🎯 History 🔄 🎯 🖼 📃 🛛 Links »
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Accton	Alain Setup Status Tools Help
Change Password	Setup DNS
Set Time Zone	Has your Internet Service Provider given you a DNS address?
LAN TOTAL	Domain Name Server (DNS) Address
WAN DHCP Erixed IP PEPDE Modern ONS Wireless Channel and SSID Encrystion	Secondary DNS Address (optional)
Advanced Settings Errevall Virtual Server Stecial Application Client Filtering Mass LogOut	
e 1	My Computer

5. Click "ENTER" when finished.

Many ISP's use modems that automatically configure themselves. Sometimes connection information is stored on the modem and needs to be updated. You may need to shut down and restart your modem after you have configured your CheetahAccess Wireless Gateway.

6. Restart your **DSL modem** by removing the power, waiting a few seconds, and then reconnecting it.

Congratulations! Configuration is complete and your CheetahAccess Wireless Gateway is now connected to the Internet. There are also some advanced configuration options that may be configured, but we do not recommend making any changes to these options unless you need to.

For instructions for the advanced configuration options, please refer to Chapter 4 of the User Guide found on the CD.

Configuring Your Gateway for PPPoE

Continuing from the previous steps "Configuring Your CheetahAccess Wireless Gateway" on page 33:

1. Select "PPP over Ethernet," and click "More Configuration."



 Enter the User Name and Password required by your ISP in the appropriate fields. Enter the password again for verification in the "Please retype your password" field.

🗿 Setup WAN PPPoE - Mic	rosoft Internet Explorer
File Edit View Favorites	Tools Help
← Back • → • 🙆 🔂 🖞	🖞 @Search 📾 Favorites @History 📴 🥥 🖻 📃 🗍 Links »
Address http://192.168.2.1	:88/setup_wan_pppoe.htm 💌 🔗 Go
Accton	Main Setup Status Tools Helr
Change Password	Setup WAN PPPoE
Set Time Zone	If your Internet Service Provider requires the use of PPPoE, enter the information below.
LAN FORD	Use PPPoE Authentication
MAN	User Name
DHCP	Password
Fixed IP PPPoF	Please returns your password
Modem	
DNS FORK	Service Name
LASITZEAS	Maximum Idle Time (seconds) Auto-reconnect
Wireless Channel and SSID	Connect Disconnect
Encryption	Connect
Advanced Settings Errewall <u>Virtual Server</u> Special Application Client Filtering MAC Filtering Misc	Click ENTER to save settings and continue.
(LogOut)	-1
•	
e	My Computer //

- 3. If your ISP has provided you with a "Service Name" enter it in the "Service Name" field, otherwise, leave this field blank.
- 4. Click "ENTER" when finished.

If you type a Web address, such as www.acctontech.com, into your browser, a DNS server will find that name in its index and find the matching IP address: 198.137.240.92. Most ISPs provide a DNS server for speed and convenience. Since you are connecting to the Internet with dynamic IP settings, it is likely that your DNS servers are also provided dynamically.

5. If you are connecting to the Internet through PPPoE, you probably do not need to enter anything here. However, if there is another DNS server that you would rather use, enter the DNS server addresses in the spaces provided.

🗿 Setup DNS - Microsoft Int	ernet Explorer				
File Edit View Favorites	Tools Help				
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Address http://192.168.2.1:	88/setup_dns.htm				▼ @G0
Accton	Main	<u>Setup</u>	<u>Status</u>	Tools	Help
Change Password	Setup DNS				
Set Time Zone	Has your Internet S	Service Provider give	n you a DNS address	17	
LAN WAN DHCP EFEOD Modern DNS Winclass Channel and SSID Channel and SSID Ch	Domain Name Sen	ver (DNS) Address	,	and continue.	
					_
12				, je my c	Joinputer //

6. Click "ENTER" when finished.

Many ISP's use modems that automatically configure. Sometimes connection information is stored on the modem and needs to be updated. You may need to shut down and restart your modem after you have configured your CheetahAccess Wireless Gateway.

7. Restart your DSL modem by removing the power, waiting a few seconds, and then reconnecting it.

Congratulations! Configuration is complete and your CheetahAccess Wireless Gateway is now connected to the Internet. There are also some advanced configuration options that may be configured, but we do not recommend making any changes to these options unless you need to.

For instructions for the advanced configuration options, please refer to Chapter 4 of the User Guide found on the CD.

Configuring Your Gateway for Dialup on Demand

1. Select "Dialup on Demand," and click "More Configuration."



 If the serial port is used for primary Internet access, then check the item "Check if you only use a dial-up modem to connect to the Internet." If not checked, then this connection will only be used for backup access if the primary WAN link fails.

Setup WAN Modern Se	tting - Microsoft Internet Explorer		
File Euk view Pavorkes	allena i eus a catur ISI		
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Address http://192.168.2.	1:88/\setup_wan_modem.htm		
Acoton		del () XIdel ()XIIII ()XIII
Accton	<u>Main</u> <u>Setup</u>	22 Status	ons and the second
ANTIA	Cater I WAN I Dial on Madam		
Change Password	Setup WAN Diai-up wodem		
Set Time Zone	Enter in your Internet Service Provider set	tings and click the ENTER button.	
ASSA AS	Check if you only use a dial-up mode	m to connect to the internet.	
WAN () Z Le	Auto-Backup :	C Enabled	• Disabled
DHCP Fixed IP	Did Us Oracia Dhara Number	Primary Dia-up	Secondary Dial-up
PPPOE	(enter the number exactly as it should be dialed)		
Modem	Dial-Up Account Information:		
DNS	User Name		
Wireless	Password		
Channel and SSID Encryption	Password Verification (please retype your password)		
Advanced Settings	Modem Initialization string		
Firewall	Maximum Idle time	(eaconde) 🔽 âu	la-reconnect
Virtual Server Special Application		Cananat Diseases	
Client Filtering		Disconnect	1
Misc	Has your Internet Service Provider given	you an IP address?	
U CONT	© NO C YES		
Logout R	(till in information below)		
E Parter			
HXXXXXX	IP address assigned by your ISP		
AZOZIA	Subnet Mask	255 . 255 . 255 . 0	
RADAR			
ASTA FA		Click ENTER t	o save settings and continue.

- 3. Enter your ISP account user name and password in the "Dial-Up Account Information."
- Enter the "Modem Initialization String" provided by your modem manufacturer. The following is a sample initialization string: "ATQ1SO=1&D0&K0&W" as defined below:
 - Q1 : Inhibit result codes to DTE
 - S0=1 : Auto answer on first ring
 - D0 : Don't care DTR
 - K0 : Disables DTE/DCE flow control
 - W : Write command to modem memory
- 5. In the "Maximum Idle time" field, enter the maximum idle time for the CheetahAccess Wireless Gateway (in seconds).
- 6. If you are assigned a dynamic IP address every time you dial up, select "No" for "Has your Internet Service Provider given you an IP address?" However, if your ISP has assigned a fixed IP address for you to use, select "Yes" for this item and enter the IP address and subnet mask.
- 7. If your ISP has given you a secondary phone number, or if you have a secondary Internet service account, then fill in the relevant fields under "Secondary Dial-up."

Configuring Your Computer for the Gateway Print Server

If you are not connecting your printer to your CheetahAccess Wireless Gateway, skip this section.

With the CheetahAccess Wireless Gateway's built-in print server, you can connect your printer to the CheetahAccess Wireless Gateway and print from any computer on your network. Each computer needs to have a "client" installed that will communicate with the CheetahAccess Wireless Gateway's print server. Windows 2000 and UNIX and Linux operating systems have a print client already installed. If you are running Windows 95, 98, ME, 2000, or NT, you must use the Accton CheetahAccess Print Server Monitor as your print client.

Configuring Your Computer for the Gateway Print Server for Windows 95/98/NT/ME/2000

Step 1: Installing the Print Server Monitor

You must first install the software that will allow your programs to print to the printer attached to the CheetahAccess Wireless Gateway.

1. Insert the Installation CD into your CD-ROM drive.



2. Click "Start" and "Run..."



3. Type "D:\PrintSvr\Setup" and click "OK."

4. InstallShield will guide you through the installation process. Click "Next >" for each window and "Finish" when complete.



5. Windows must reboot for the changes to take place. When asked if you want to reboot now, select yes and click "OK."

Reboot
Accton CheetahAccess Print Server Monitor is installed You should reboot WinNT to enable Port Monitor
 Yes, I want to restart my computer now. No, I will restart my computer later.
ОК

Step 2: Configuring the Print Server Monitor

Now that the software is installed, it must be configured to work properly.

1. Click "Start," select "Settings," and then select "Printers."



2. Double-click "Add Printer."

Printers				-	. 🗆 🗙
<u> </u>	io F <u>a</u> vorites	<u>H</u> elp			-
Back Forward	t Up	Hap Drive	 y Cut	Сору	»
Address 🞯 Printers					-
This folder contains information about your current printers and a wizard to help you install new ones. To get information about a printer that's already	Add Print	ej			

Configuring Your Computer for the Gateway Print Server

3. Follow the screen prompts to add your printer as a "Local printer" for Windows 95/98/ME/2000 or as a printer managed by "My Computer" for Windows NT.

Add Printer Wizard			
Local or Network Printer Is the printer attached to	your computer?		
If the printer is directly at another compute, or directly C Local printer Automatically de Network, printer	ached to your computer, click Local printer. If it is attached to clip to the network, click Network printer act and install my Plug and Play printer		
Add Printer Wizard	Cancel Cancel This wizad helps you install your printer or make printer connections. This printer will be managed by. Image: Compute of the state		
	< <u>B</u> ack. <u>N</u> ext > Cancel		

4. From the list of manufacturers and printers in the next window, select the printer you have attached to the CheetahAccess Wireless Gateway.

Add Printer Wiza	rd 🛛 🔀
Click the installatio printer do	manufacturer and model of your printer. If your printer came with an n disk, click Have Disk. If your printer is not listed, consult your cumentation for a compatible printer.
<u>Manufacturers:</u> Apple APS-PS AST AT&T Brother Rull	Printers: AGFA-AccuSet v52.3 AGFA-AccuSet 800 AGFA-AccuSet 800SF v52.3 AGFA-AccuSet 800SF v52.3 AGFA-AccuSet 800SF v52.3 AGFA-AccuSet 1000SF v52.3 ¥ Have Disk
	< <u>B</u> ack <u>N</u> ext > Cancel

 Select the Accton CheetahAccess Print Server Monitor (the default port name is "AC-IG2004W") and click "Configure Port..."

vid Printer Wizard X Click the check box next to the port(s) you want to use. Documents will print to the first available checked port. Available ports:						
	Port	Description	Printer			
	COM2:	Local Port				
		Local Port				
		Local Port				
	EILE:	Local Port				
	AC-IG2004W	Accton Chee				
			TPS LPT1	•		
	Add Port		<u>C</u> onfigure Port			
□ Enable printer pooling						
< <u>B</u> ack <u>N</u> ext > Cancel						

 Enter the CheetahAccess Wireless Gateway's IP address in the "IP address" field (default is 192.168.2.1) and click "OK."

Accton CheetahAccess Print Server	Port Monitor Con 💌
Port	Retry Interval
IP Address: 192.168.2.1	15 ÷ (secs)
Select Device Port >> LPT 1	
Name: AC-IG2004W	Version:1.10
Banner	
🗖 Enable Banner 🛛 🗖 PostScript	OK
User Name:	Cancel

- 7. You will be asked if you want to print a test page. Click "Yes" to make sure that your printer is configured correctly.
- Your printer will now appear in the "Printers" window. Your computer is configured to print via the CheetahAccess Wireless Gateway Print Server. Repeat these steps on each computer connected to the CheetahAccess Wireless Gateway.

Configure the Network Printer in Unix Systems

Follow the traditional configuration procedure on Unix platforms to set up the CheetahAccess Wireless Gateway print server. The printer name is "lpt1."

Common Configurations for Popular ISPs

WAN Types	Characteristics	Popular ISPs			
Dynamic IP	Cable modem ISP, non-hostname based.	MediaOne, RoadRunner, Optimum Online, Time Warner, Charter and Adelphia			
(Clone MAC)	Need to clone mac in the DHCP page of router.				
Dynamic IP	Cable ISP, Requires Hostname to	@Home Network, Cogoco, ComCast, Cox,			
(Hostname)	authenticate ie. cx213818-B. Need to enter the hostname in the DHCP page of the router, exactly as it appears in your documentation.	Excite, Rogers, Shaw, Insight, Videotron, SCV MaxOnline			
PPPoE	Usually special software installed on PC,	Bell*, Century Tel, Citizens, Primus, Prodigy,			
(DSL)	MacPOE 1/WinPOE T, EnterNet 300. CheetahAccess has this software built in and you can remove it from your pc. You will need to enter the account name and password that your ISP provided to you in the PPPoE page of the router. Leave the service name blank unless your ISP requires it.	Snet, Sprint FC, Verizon, First World, Brightnet, Earthlink, Ameritech, Covad, Mindspring, Sympatico DSL, USwest, SingNet Broadband, SingTel Magix, Pacific Internet Broadband			
Static	DSL Modem, always on. Need to enter ALL IP	CableSpeed, Cnet, Direct Link, Drizzle, DSL			
(DSL)	of the router.	Extreme, Earthlink Wireless, Fast Point, Flashcom, GTE-WhirlWind, Heavenet, HSA Corp, I-55, InterAccess, LinkLine, Mission, Nauticom, NAS, Omitel, Onterra, Phatpipe, Rhythms, Speakeasy, Sterling, XO, Zyan			
Static	Cable Modem, Always on, ISP assigns	Cox Cable, Sprint, US Cable, Cable-Cable			
(Cable)	specific IP information which needs to be entered on the "Fixed IP" page of the router.				

AC-IG2004W E112001-R01 Part Number: 650,10512 150200005600A