SETTING YOUR DVR.

*DO NOT NEED TO CHANGE ANY OF THE DVR'S MENU SETTINGS.

***YOU ONLY NEED TO CHANGE THE SETTINGS OF YOUR DVR'S WINDOW SETTINGS.

WINDOW'S FIREWALL

MAKE SURE YOU DISABLE THE FIREWALL OF THE WINDOW XP.

TO CHECK THE FIREWALL STATUS.



FIGURE 1-1

GO TO START—CONTROL PANNEL—DOUBLE CLICK ON NETWORK CONNECTIONS



RIGHT CLICK ON THE LOCAL AREA CONNECTION AND THEN PROPERTIES

eneral Authenticatior	Advanced		
Windows Firewall		Click Here	
Protect my compute preventing access t Internet	er and network by limiting of o this computer from the	or S	ettings
6		- 44 -	
lf you're not sure how t Network Setup Wizaro	o set these properties, us į instead.	e the	

CLICK ON THE LAST TAB (ADVANCED)—CLICK ON THE SETTINGS BUTTON

Windows Firewall	×
General Exceptions Advanced	1
Windows Firewall is helping to protect your PC	
Windows Firewall helps protect your computer by preventing unauthorized u gaining access to your computer through the Internet or a network.	sers from
🔮 🔿 On (recommended)	
This setting blocks all outside sources from connecting to this c with the exception of those selected on the Exceptions tab.	omputer,
Don't allow exceptions	
Select this when you connect to public networks in less sec locations, such as airports. You will not be notified when Wir Firewall blocks programs. Selections on the Exceptions tab	ure ndows o will be
Click Hare	-
Avoid using this setting. Turning off Windows Firewall may make computer more vulnerable to viruses and intruders.	e this
What else should I know about Windows Firewall?	
ОК	Cancel
	118

FIGURE 1-4

DISABLE THE FIREWALL

SET YOUR WINDOW'S NETWORK SETTINGS TO RECEIVE A STATIC IP ADDRESS FROM YOUR ROUTER.

GO TO START—CONTROL PANNEL(FIGURE 1-1)—NETWORK CONNECTIONS(FIGURE 1-2)—RIGHT CLICK ON THE LOCAL AREA CONNECTION AND THEN PROPERTIES(FIGURE 1-3)

Local Area Connection 2 Properties	2
General Authentication Advanced	
Connect using:	
Realtek RTL8139 Family PCI Fast Etheri Configure	
This connection uses the following items:	
Client for Microsoft Networks	
File and Printer Sharing for Microsoft Networks	
QoS Packet Scheduler DOUBLE	
Install Uninstall Properties	
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.	
Show icon in notification area when connected	
Notify me when this connection has limited or no connectivity	
OK Cancel	
FIGURE 2-1	

AT THE BOX DOUBLE CLICK ON THE INTERNET PROTOCOL(TCP/IP)

ou can get IP settings assigned a apability. Otherwise, you need to a ppropriate IP settings.	utomatically if ask your netwo	ya ork	ur ne adn	∋tv nin	vork istra	su tor	pports r for the	:this e
🔿 Obtain an IP address automa	tically							
• Use the following IP address:								
IP address:	192		168	12	1	12	106	
Subnet mask:	255		255		255		0	
Default gateway:	192	×.	168		1	•	1	
🔿 Obtain DNS server address a	automatically							
Use the following DNS server	addresses:	-						
Preferred DNS server:		8		83	4	-	8	
Alternate DNS server:		10		10			8	
							Advar	nced

FIGURE 2-2

SET IT TO USE THE FOLLOWING IP ADDRESS(YOU NEED TO TYPE IN THE CORRECT VALUES FOR ALL OF THE FIVE BLANK BOXES INCLUDING THE DNS SERVERS.)------*FOLLOW THE PROCEDURE BELOW TO OBTAIN CORRECT VALUES)

THE VALUES CAN BE FOUND FROM THE COMMAND WINDOW.

YOU CAN GO TO COMMAND WINDOW AND GET THE VALUES BY GOING TO

Run			? ×
	Type the name of a j Internet resource, ar	program, folder, do nd Windows will ope	cument, or en it for you.
Open:	CMD		•
	ОК	Cancel	Browse
	FIG	URE 3-1	

START—RUN—TYPE CMD AND ENTER

🔤 C:\WIN	DOWS\system32\COMMAND.com	
C:\DOCUN	E~1\DUR1>IPCONFIG/ALL TYPE THIS	^
Windows	IP Configuration	
	Host Name Sale Primary Dns Suffix Node Type Unknown IP Routing Enabled No WINS Proxy Enabled No	
Ethernet	adapter Local Area Connection 2:	
rnet NI(Connection-specific DNS Suffix . : Description Realtek RTL8139 Family PCI Fast E #2	the
	Physical Address. .	

FIGURE 3-2

AT THE COMMAND WINDOW TYPE IPCONFIG/ALL AND ENTER

NOW YOU HAVE EVERY INFORMATION YOU NEED.

TYPE THOSE INFORMATION IN THE BLANK BOXES OF FIGURE 2-2

*FOR SOME OF THE INTERNET SERVICE PROVIDERS, YOU MAY HAVE THREE DNS SERVERS. IF THAT'S THE CASE FOR YOU THEN YOU NEED TO ADD THE THIRD DNS SERVER AT THE INTERNET PROTOCOL PROPERTIES.

ternet Protocol (TCP/IP) Propert	ties ?
General	
You can get IP settings assigned auto capability. Otherwise, you need to asl appropriate IP settings.	omatically if your network supports this k your network administrator for the
Obtain an IP address automatic	ally
─● Use the following IP address:	
IP address:	192 . 168 . 1 . 106
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	192 . 168 . 1 . 1
 Obtain DNS server address aut Use the following DNS server a 	ddresses:
Preferred DNS server:	4 . 8
Alternate DNS server:	116 . 8
	Advanced
	OK Cancel
FI	GURE 4-1

BY CLICKING ON THE ADVANCED BUTTON AT THE INTERNET PROTOCOL PROPERTIES, YOU CAN NOW ADD THE THIRD DNS SERVER.

Settings DNS	WINS Options			
DNS server addr	esses, in order of us	se:		
4.8				t
.116.8				
				÷
	Add	Edit	Remove	
The following thre enabled. For rest	e settings are appli plution of unqualified	ed to all connecti I names:	ons with TCP/IP	
Append prima	arv and connection :	specific DNS suffi	xes	
 i de la errai la rurri 	· · ·			
Append p	parent suffixes of the	, primary DNS suf	fix	
Append p	oarent suffixes of the DNS suffixes (in or	, primary DNS suf der):	fix	
Append these	oarent suffixes of the DNS suffixes (in or	e primary DNS suf der):	fix	t
Append these	oarent suffixes of the DNS suffixes (in or	e primary DNS suf der):	fix	t
Append these	parent suffixes of the e DNS suffixes (in or	e primary DNS suf der):	fix	t
Append I	arent suffixes of the DNS suffixes (in or Add	e primary DNS suf der): Edit	fix	t 1
Append	Add	e primary DNS suf der): Edit	fix Remove	t l
Append (Append these ONS suffix for this	Add	e primary DNS suf der): Edit	fix	t J
Append Append these NS suffix for this Register this o Use this conn	Add	e primary DNS suf der): Edit sses in DNS in DNS registratio	fix Remove n	t l
Append (Append these DNS suffix for this Register this conn	Add	Edit Edit	fix Remove n	t l

AT THE ADVANCED SETTING OF THE INTERNET PROTOCOL PROPERTIES, CLICK ON THE SECOND TAB(DNS)—CLICK ON THE ADD BUTTON—TYPE IN THE THIRD DNS SERVER VALUE AND OK.

*IF YOU CAN NOT FIND DNS INFORMATION FROM THE COMMAND WINDOW, YOU MAY EITHER GO TO YOUR ROUTER'S STATUS, OR CONTACT YOUR INTERNET SERVICE PROVIDER FOR THE INFORMATION.

ROUTER SETTING

1) YOU NEED TO OPEN UP PORTS NUMBER 9091-9112 AND 80.(FIGURE 5-1)

) DVR'S IP CAN NOT BE WITHIN THE RANGE OF THE DHCP SETTING OF YOUR ROUTER. (FIGURE 5-2)

3) YOU NEED TO DISABLE DMZ. (FIGURE 5-3)

4) CHECK YOUR SECURITY SET UP. <u>**FOR LINSYS ROUTER USERS</u> AT THE SECURITY SET UP, YOU NEED TO DISABLE BLOCKING ANONYMOUS INTERNET REQUEST.

Linksys*	<u>Filters</u>	Forwarding	<u>Dynamic</u> Routing	<u>Static</u> Routing	<u>DMZ</u> <u>Host</u>	MAC Clone	<u>DDNS</u>	<u>Setup</u>
FORWARDING	Port forw When us will be re require a additiona	varding car ers from th directed to specific ra al information	n be used to ne Internet m o the specific ange of ports on.	set up nake ce ed IP a ; to be	public s ertain re ddress. forwarc	services on y quest of the Special appl led. Click the	vour netv Router, ications e help bu	work. they may itton for
Customized Applications		Ext.Port	Proto TCP	col Pi	rotocol UDP	IP Addr	ess	Enable
Customized Applications	9091	Ext.Port To 9112	Protoc TCP	col Pi	rotocol UDP IZ	IP Addr 192.168.1	ess .110	Enable IZ
Customized Applications DVR 9000 DVR WEB	9091 80	Ext.Port To 9112 To 80	Protoc TCP	col Pr	rotocol UDP マ マ	IP Addr 192.168.1 192.168.1	ess .110 .110	Enable IV

NAME YOUR APPLICATIONS. THEY CAN BE ANYTHING YOU WANT.

TYPE IN THE PORTS THAT YOU WANT TO OPEN. PORT #9091-9112 AND 80 ARE DEFAULT.

CHECK BOTH OF PROTOCOLS.(TCP AND UDP). IF YOU HAVE THE DROP WINDOW FORMAT, THEN PUT IT TO BOTH.

TYPE IN YOUR DVR'S IP ADDRESS.

MAKE SURE YOU CHECK THE ENABLE BOX.

(h) Linksys*	Setup Firewall VPN Password Status DHCP Log Help Advanced
DHCP	You can configure the Router to act as a DHCP (Dynamic Host Configuration Protocol) server for your network. Consult the User Guide for instructions on how to set up your PCs to work with this feature. Click the help button for additional information.
DHCP Server: Starting IP Address: Number of DHCP Users: Client Lease Time: DNS 1: 2: 3: WINS:	© Enable Disable 192.168.1. 107 50

THE RANGE FOR DHCP IN FIGURE 1-3 IS 192.168.1.107 TO 192.168.1.157

IF YOUR DVR'S IP IS 192.168.1.108 THEN YOU MUST CHANGE THE STARTING IP FOR THE DHCP TO 192.168.1.109 OR 192.168.1.110 OR 192.168.1.111....AND SO ON.

POINT HERE IS THAT THE DVR'S IP CAN NOT BE INCLUDED WITHIN THE RANGE OF THE DHCP.

FOR SOME REASON IF YOU CAN NOT CHANGE THE RANGE OF DHCP, THEN TRY TO CHANGE THE DVR'S IP ADDRESS.

FIGURE 5-2

(h) Linksys*	Filters Forwarding Dynamic Static Routing MAC Clone DDNS Setup
DMZ HOST	DMZ (DeMilitarized Zone) Host enables you to set port 4 to DMZ or LAN. Any user on the Internet can access in/out data from the DMZ host without firewall protection. Select the IP address of the PC that you want to have exposed for special-purpose services. Click the help button for additional information.
DMZ Por	: C Enable © Disable Apply Cancel Help

FIGURE 5-3

MAKE SURE YOU DISABLE THE DMZ.

AT THIS POINT, YOU SHOULD BE ABLE TO GET IN TO YOUR DVR REMOTELY. IF YOU CAN NOT, THEN CHECK THE MODEM.

YOU MAY HAVE A MODEM WITH THE ROUTER FUNCTION BUILT IN.

IF THAT'S THE CASE, YOU NEED TO BRIDGE OUT YOUR MODEM(DISABLING THE ROUTER FUNCTION)***PLEASE CONTACT YOUR INTERNET SERVICE PROVIDER FOR FURTHER INSTRUCTIONS.