## Dynamic CCTVLtd

# Remote Access Setup Guide For MX range

### Part 1 (the DVR settings)

Press the **MENU** button on the DVR or **Left Click** on the mouse from the menu select "**Setup**" then select "**Network**".

You should now be presented with this page

Setup		and the second	×
Time Definition Action	n Schedule Sto	Tage Network	System
Ethernet DDNS Port	E-Mail Bandwid	tth Callback	
TCP/IP   Fig3     Fig1   DHCP			
1. IP Address	192,168,1,52	192,168,1,22	
2. Subnet Mask	255,255,255,0	255,255,255,0	Fig2
3. Default Gateway	192,168,1,254	192,168,1,254	
1. Primary DNS	192,168,1,1	211,117,45,25	
2. Secondary DNS	211,117,45,25	168,126,63,1	
ADSL			
1, User Name			
2. Password	******		
	Reset	Save	Exit

Place a tick in both the "**DHCP**" and the "**DNS**" as show as Fig1. The DVR will now query your router and the results are displayed in bold white Fig2. Take note of these results and untick "**DHCP**" and "**DNS**" and then manually enter the details into the box Fig3 making one alternation as the "**Primary DNS**" entry needs to identical to your "**Default Gateway**"

Your MX DVR should now be setup for local network access.

You can now check your DVR using internet explorer entering **http://** then your IP number in the address bar



# **Remote Setup**

### Part 2 Remote setup

Now that your DVR is setup locally you will need to setup your router in order to access the DVR remotely Firstly click on the "**Port**" tab here you see a list of all the ports used by your DVR These can be changed, but by default you will need to forward a range starting at 2000 ending in 2007 you will also need to forward Port 80

() Time	Definition	4 Action	Schedu	le Storage	e Network	k System
2. Web S	DDNS /MS) Port Server Port (Auto Port)	Port	E-Mail 2000 80 Off	Bandwidth ~ 2007		
	nection exam 1/192,168,1,					
				Reset	Save	Exit



# Testing the setup

### Part 3 (setting up your router)

At this stage you will need to log into your router to do this enter its IP address into internet explorers address bar nearly all routers have a web front end and can be set up this way

If you are unsure of your routers IP address (as they vary from make and model) either check your supplied documentation or use the "**Gateway**" IP address from your DVR

NB\* if you have a Commercial BT router please follow this guide

http://support.dynamic-cctv.com/shop/PDF/Guides/BT%20ROUTER.pdf

You now need to set up "**port forwarding**" on your router, this basically tells your router to send any traffic from your public IP address to your internal IP address of your DVR. to do this we would suggest visiting **www.portforward.com** this website has easy to follow instructions on setting a multitude of routers. To do this select your router model from the main page, then skip the large advert (FigO1)

Fial	11
PortForward.com - Automatically forward your ports with PEconfig Mozilla Firefox	
Eile Edit View Higtory Bookmarks Iools Help	
C n http://portforward.com/english/routers/port_forwarding/2wire/2701HG-T/fpac	dvert.htm 🟠 🔹 🛃 🛪 Google 🔎
🍣 Sign In 🛛 👋 📄 Dynamic CCTV Ltd > Samsung_DV 🗙 👖 PortForward.com -	- Automatically × +
	Click here to skip this advertisement
Internet Gaming - Network Techs - Home Networks - You Need	100% Guaranteed or we'll do it for you!
Easy Setup of Your Router's Port Forwards!	Purchase on our secure server
Guaranteed to work! If PFConfig does not setup your forwards	
simply contact our support department and we'll do it for you.	
Take the frustration out of forwarding your router ports with PFConfig. Any application requiring port forwarding can be set in minutes. Just pick your program from the list and press the "Update Router" button.	Brown C
> PFCONFIG FEATURES	Administration Admini
100% Guaranteed or we'll do it for you! Our support department kno how to forward your ports. Read more >	DWS Connect and Const Team York Const Team Yor
<ul> <li>Configure your router's port forwarding section automatically. Read more )</li> </ul>	Canada Data Canada Cana
<ul> <li>Increase security by forwarding ports when you need them, and prev forwarding when you do not. Read more )</li> </ul>	Gaussi PC Roothol 2000, 102:150:513. 1473-1474
<ul> <li>Optimize your router's available memory for faster and more reliable connections. Read more )</li> </ul>	Familiane Later         10010970           Familiane Later         10010970           Familiane Later         10010000           Familiane Later         10020000           Familiane Later         10020000           Familiane Later         10020000           Familiane Later         10020000
<ul> <li>Easy: Eliminates the hassle of logging in to your router to change you forwarding setup. Read more &gt;</li> </ul>	
PortForward.com Support: You won't be stuck with another worthes app, we'll help you through any problems. Read more }	Deele-AdversiveRen004128138-18-19238018 (4050386 (247m)
What PFConfig does not do: PFConfig does not configure your firewa requires a supported router. Read more >	all and
Take the Tour: You won't believe how easy it is to use! Take the tour	9
Done	

Then select the default guide (FigO2)

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	setting up your router or fire									
Router List	Port List	Port Checker	20055	Other Guides	Church Str. PS2	ame Guides Viteo Game 553	Store ESI.Teller	Support	Fortam	
y Google 🛛 🖸 🚺		Elick I	ere to	Automaticallu		our router from a the proprams up				
v Systems Future of curity, Latest		Forwa	rd port	s with PFConfi	·Click	: 'Update Router' 'nu're Nonel	in want			#20Mb
TV Service						du ne ouner				Broadband.
teemfresecuritysw6.co.s	Below you see a list of routers a	and firewalls. These are the	devices that	we have written support of	locuments for. T	hese documents provid	e step-by-step o	guides on how to setup	o port forwarding.	Sky TV
V Installation	If you do not feel like figuring ou	ut how to forward ports ma	nually, we have	ve a simple software soluti	on called PFCon	fig that can forward vo	ur ports for you	automatically. We off	fer complete support	and calls*
nestic cctv TV Systems to	for our product and will help you	get your ports forwarded.								
t all budgets	We have Free Software to help									All 3 for
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w kensingtoncemenes.co.u	We also have a huge router Use	ername and Password list,	n case you ne	eed help getting logged in t	o your router.					
ewall? e Your Web		If	you do not kn	ow exactly what you are d	loing or are havi	ng problems, Start He	re.			
plications at k? dotDefender - itant Protection.	Welcome to our guide list for the <b>2wire 2701HG-T</b> . Please select the program you are forwarding ports for from the list below.									
TV For Home or										
TV systems tallation in idon & home	If you do not feel like figuring out how to forward ports manually, we have a simple software solution called PFConfig that can forward your ports for you automatically. We offer complete support for our product and will help you get your ports forwarded.									
unties. Get Fast uotation	We have Pres Software to help you test your port forwards. Our ultimate goal is to have a write up for every hardware noter and frewall available and instructions for every application that Internet users have difficulty getting to work through their noter or frewall on this typic can do simple port forwarding. These guides are provided to help you, but we are in no way responsible for the state of your anticut. If you encounter any errors nor guides that is thon by regord concentrating and concentrations are provided to help you, but we are in no way responsible for the state of your anticut. If you encounter any errors nor guides that is not by impage of concentrations and concentrations are provided to help you.									
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You should now follow the step by step instructions on how to setup port forwarding on your router **You will need to complete the following** 

One port forward starting at 2000 and ending in 2007 and a second port forward entry for the web port 80 Your IP address is the IP address of the DVR,



# DDNS

### Part 4 DDNS

In some cases were a static IP address is not available you may need to setup Dynamic DNS this is easy with the MX range as it is built in and best of all free!



Simply click on "DDNS" turn Enable "DDNS ON" and enter in a host name in the box Fig1 click "Save" provided your requested hostname has not already been taken you DVR will now be accessible using your new DDNS address

just enter you details into Internet explorers address bar

eg: http://yourhostname.cctvuser.com



### Part 5 (testing public IP)

If you have a static IP Number once the router settings are saved you can try and enter the public IP address of your connection If you are unsure of this open up internet explorer and visit **www.whatismyip.com** and take note of your public IP

#### **Useful links**

www.portforward.com

www.whatismyip.com

Standard Commercial BT router guide <a href="http://support.dynamic-cctv.com/shop/PDF/Guides/BT%20R0UTER.pdf">http://support.dynamic-cctv.com/shop/PDF/Guides/BT%20R0UTER.pdf</a>

Standard Thompson Guide (sky-orange-o2) http://portforward.com/english/routers/port\_forwarding/Thomson-Alcatel/TG585v7/default.htm

Standard Netgear Guide (Virgin) <u>http://portforward.com/english/routers/port\_forwarding/Netgear/DG834N/default.htm</u>