NVR Setting for Remote Surveillance

There are 2 situations need us to set something for visit NVR remotely:

- 1) user have static IP address
- 2) User haven't static IP address, but have dynamic IP address

When user have static IP address (suppose the external network IP is <u>113.106.161.217)</u>:

- 1. Need to query and modify NVR settings
- 1) Enter NVR setting interface, choose "NETWORK", see below picture:

NVR IP address is: 192.168.8.203 (factory default is: 192.168.1.188), remote port is: 5050, HTTP port is: 80 (default), all these information can be modified, but IP address must in the same segment of the IPC.



2) Mapping the IP address and port of NVR in router

E.g. Use TP-LINK router, land the router's default IP address, e.g. <u>http://192.168.1.1</u> (you can find this from your router manual), no need to do DDNS, you can use the router's external IP address, need to convert the IP to a domain name, then remember the domain name is OK, no need to remember the IP address.

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TP-LINK		
TL-R478G+	系统状态	
系统状态	版本信息	
设置向导 接口设置	当前软件版本: 当前硬件版本:	1.0.0 Build 20120427 Rel.54 TL-R47864 v1.0
传输控制	系统时间	
防火墙 VPN 系統服务	当前系统时间: 系统运行时间:	2013-06-27 19:42:23 星期四 6天0小时9分45秒
系統工具 退出登录	WARLI状态 WAR1状态 连接方式:	已启用,在线 静态IP
	工F#也大止: 一子 F四才能有马:	113.106.161.217 255.255.255.0
	网关地址: 首选DNS:	113.106.161.222 202.96.134.133
	MACHULL :	EC-88-8F-EC-1F-F9

Enter the router setting interface: choose "transmission control", choose "forwarding rules", choose "virtual server" (different devices may with different name)

L-D479C+	NAT映射		多网段NAT	虚拟服务器	器 端口触发	ALG服务			
L K47001	65宵	星保存	成功						
系统状态	NAT	DMZ服务	Ş.						
 殳置向导		NAT D	MZ服务:	○ 启用					保存
专口设置		-) . +rt Li	k+.∟ •	0 0 0 0					一一帮助
月户管理		土机机	RAL •	0.0.0.0	1				
专输控制	虚拟	服务							
转发规则		服么么	5称:						
带宽控制		ak 25 -t	140.00						\$C++
连接数限制		外部韓	岩口:		-				新增
流量均衡		内部韓	前口:		-				清除
路由设置			- Mar -	TCP/IMP					帮助
5火墙		服务型	9NX :	1017001					
PN		内部肌	汤器IP:						
系统服务		白田/	埜田 切 则 :	() 自用	○ 禁用				
系统工具			26712798762 -	0 /0/13	0 2010				
	服务	列表							
基出登录	选择	序号	服务名称	服务协议	外部端口	内部端口	内部服务器IP	状态	设置
		1	88	TCP/VDP	22615-22616	22615-22616	192.168.1.88	已启用	00
		2	高清	TCP/UDP	22618	22618	192.168.1.160	已启用	101
		3	F	TCP/VDP	82	82	192.168.1.160	已启用	101
		4	89	TCP/VDP	88	88	192.168.1.88	已启用	101
		5	36	TCP/VDP	5555-5556	5555-5556	192.168.1.36	已启用	101
		6	fff	TCP/VDP	6666-6667	6666-6667	192. 168. 1. 36	已启用	/01
		7	NVR	TCP/VDP	5050-5053	5050-5053	192.168.1.188	已启用	101
		8	nvr1	TCP/UDP	81	81	192.168.1.188	已启用	101

Mapping port 1:

Server name -- decided by you.

External port ID & internal port ID -- same, enter "5050-5053"

Internal server IP -- enter NVR's IP

Then confirm "ADD", and SAVE the setting.

Mapping port 2: Server name -- decided by you. External port ID & internal port ID -- same, enter "80" (this is NVR's HTTP port ID). Internal server IP -- enter NVR's IP Then confirm "ADD", and SAVE the setting.

After finish the mapping, you can test if you can visit the NVR remotely, (E.G. Like the beginning we suppose the external network IP is <u>113.106.161.217</u>), type the external network's IP in IE as <u>http://113.106.161.217</u>: 80 (80 is your set port ID), if you can visit the NVR, everything is OK.



Note: if you have static IP, here finished all work. But if you don't have static IP, please go ahead as follows:

When user haven't static IP address:

1. Need to apply a dynamic IP, we often apply it on this web http://www.oray.com/

2. Enter router to set dynamic IP be enable.

Log in router and fill in the account and password that you successfully applied from www.oray.com.

E.g. Use TP-LINK router, enter router IP <u>http://192.168.1.1</u>, choose "SYSTEM SERVICE", choose "DDNS", then fill in the account and password, SAVE the setting.

Refer to below image, it shows that you logged in successfully, and domain name is "zhancqzw.gicp.net":

D) 1 http://192.1	58.1.1/userRpm/Ir	ndex.htm			
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P-LINK					
	花生吉动太博女				
TL-R478G+	1612,7640,62440	-			
系统状态	功能设置				
设置向导	用户名:	zhancqzy	* 注册用户名		
接口设置	恋祖:				保存
用户管理					一帮助
传输控制	服务开关	: ③ 启月	月 🔘 禁用		
防火墙	接口名:	WAND 1			
VPN	服体未知	1. 标准服务			
糸统服务		· · · · · · · · · · · · · · · · · · ·			
• PPPoE服务器	连接状态	:: 服务已运	行		
• 动态DNS	域名信息	: 1. zhanc	qzw. gicp. net	查看所有域	成名
・UPnP服务 	44-78-35135				
	官理列表			And the Local Sector	10.00
)라 네. 5월 그	WAND	用尸名	域名	连接状态	伐置
退出宣来	1	zhancqzw	zhancqzw. gi cp. net	服务已运行	
	2			服体没有法行	2 🖱

 Use PC to land the domain name to visit NVR Open IE to type IP: <u>http://zhancqzw.gicp.net:80</u> (80 is your set port ID), if you can visit the NVR, everything is OK.

eb Client - 360安全浏览器 4.1 正式版	
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地址(D) 🗋 http://zhancqzw.gicp.net:81/	
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Use smart phone (Android system) to visit NVR:



Open the disc to find file of will be a copy it to your Android smart phone, and install it. Or you

can go to ANDROID MARKET to search it "VMEYE" open the software, log in interface as below:



and install it. After installation,

设备地址:	h478709604.f3322.org ب
岩口:	6163
月户名:	admin
28码:	
通道总数	16

Device name -- decided by you.

Device IP -- type the dynamic IP, no need to add "http://" before IP address. Port -- use NVR port, need add 3, default is 5053. User name & password -- as same as NVR setting.

Use IPHONE smart phone to visit NVR:

Iphone need IOS 3.0 or higher grade version, include IPHONE, IPOD TOUCH etc. Run the APP STORE of IPHONE, search "VMEYE", click it to install, after finish installation, you



, click it to run the software, then use same information of Android

phone to log in the system.

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