

FAQ_ICA-HM220W How to remote control ICA-HM220W and enable motion detect alarm send by email via WNRT-626G connect with 3G Network ?



*** FW & Utility version List:

WNRT-626G: v 1.6

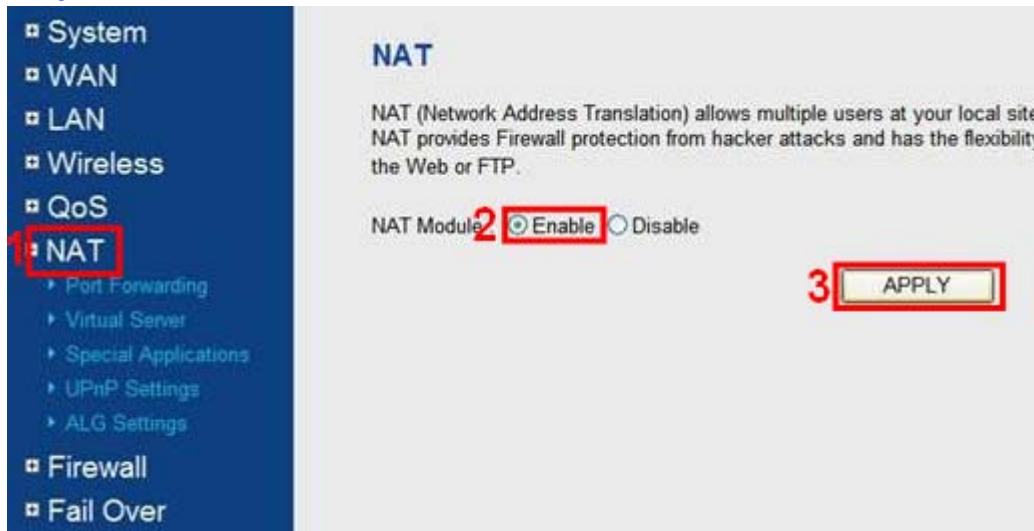
ICA-HM220W: v 2.11

Step1. Please plug-in your 3G network usb modem on your WNRT-626G, and make sure it's connect.



<ul style="list-style-type: none">▶ <u>Internet Connection</u>▶ Device Status▶ System Log▶ Security Log▶ Active DHCP Client▶ Statistics▶ Modem Info <p>Current Time 8/5/2010 11:15:15</p>	WAN Status	
	WAN Protocol :	Fixed IP disconnect
	IP Address :	
	Subnet Mask :	
	Default Gateway :	10.64.64.68
	MAC Address :	00:30:4F:1F:89:11
	Primary DNS :	168.95.1.1
	Secondary DNS :	8.8.8.8
	3G/3.5G Status	
	WWAN Status:	Connected
IP Address:	110.27.88.10	
Subnet Mask:	255.255.255.255	
Gateway:	10.64.64.68	

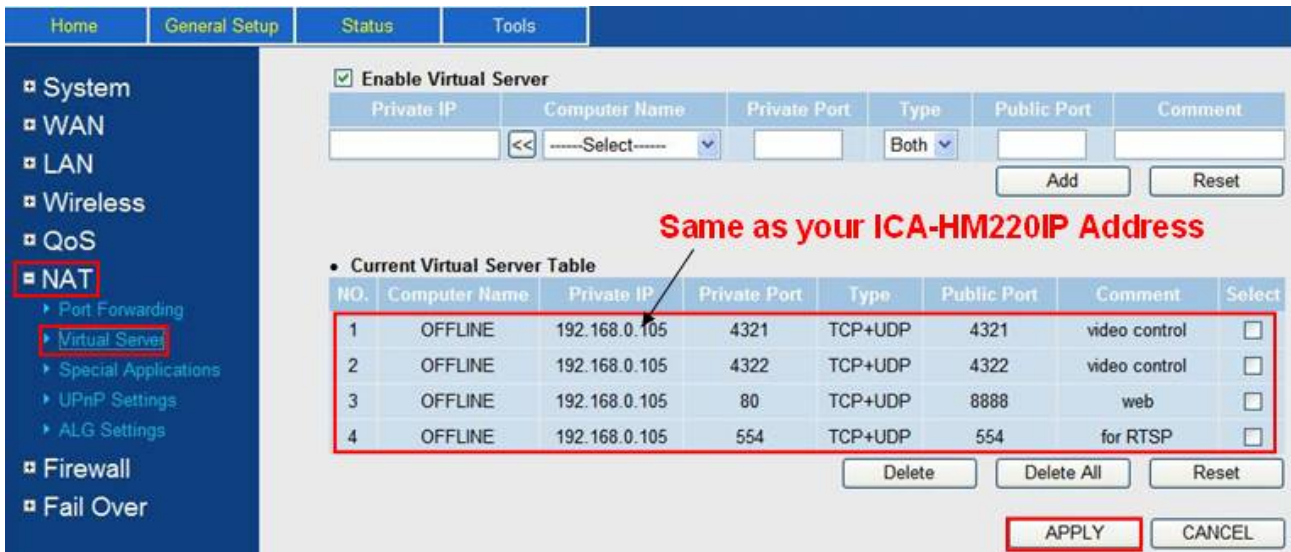
Step2. Enable WNRT-626G “NAT” function.



Step3. Go to “NAT→Virtual Serves” and “Enable Virtual Server”, then please add the IP address and mapping port for use remote control.

ICA-220W Port mapping

	Private Port	Public Port
For ActiveX	4321	4321
For ActiveX	4322	4322
RTSP	80	8888
web	554	554



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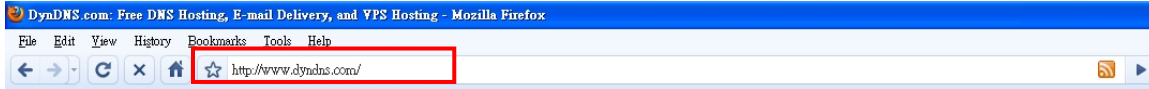
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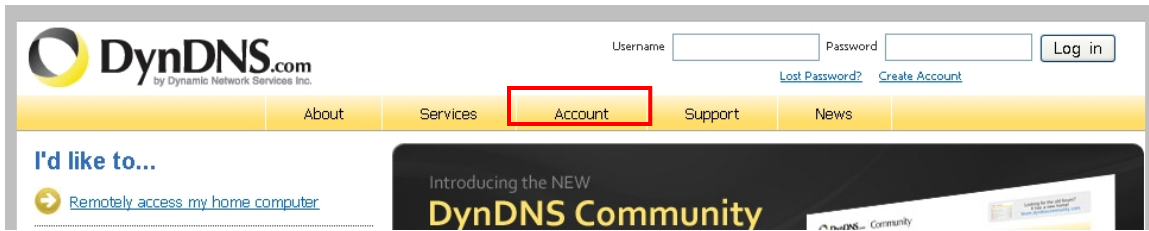
Step4. Go to DynDNS web-page to register ddns domain.

1. Application Steps – DDNS & Domain Name

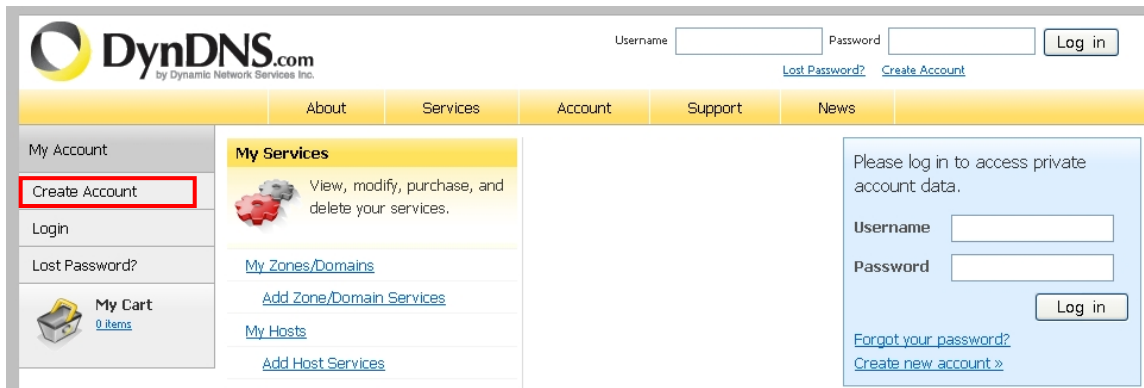
(1). Visit the following web site: <http://www.dyndns.org/>



(2). Click "Account"



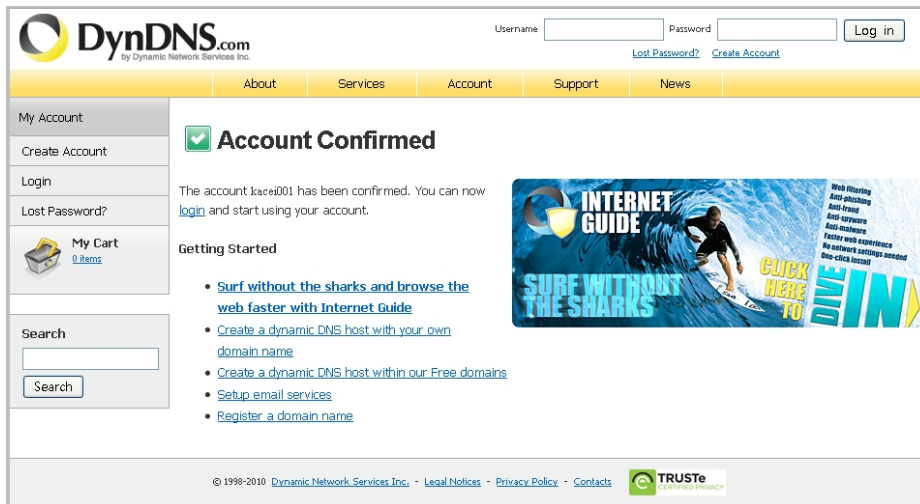
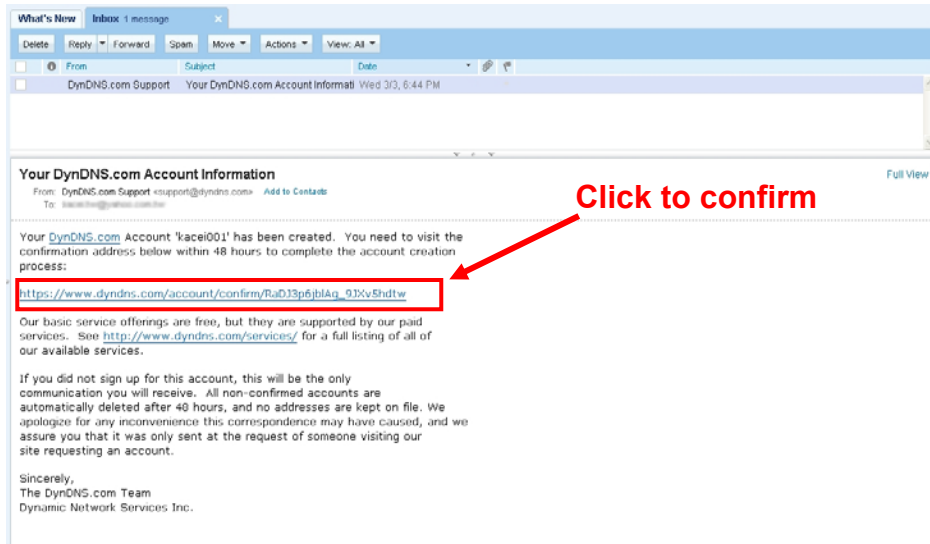
(3). After the columns show up at the left side, click "Create Account".



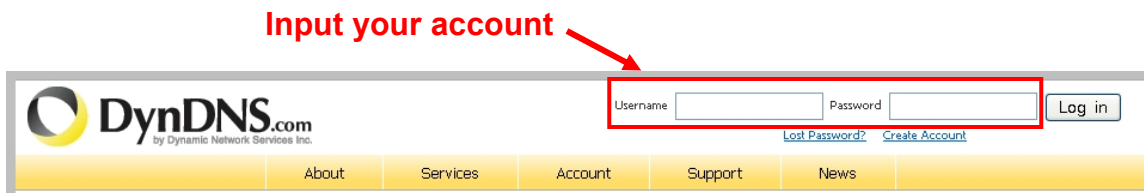
- (4). Fill the application agreement and necessary information.
- a. Username
 - b. E-mail address and confirmation
 - c. Password and confirmation
 - d. Submit all the input information and finish creating an account

Check the options

- (5). Check your e-mail mailbox. There will be an e-mail with a title "Your DynDNS Account Information". Click the hyperlink address to confirm the DDNS service that you just applied. Then DDNS you applied activated.



(6). Enter the web page <http://www.dyndns.org/> again. Input your username and password that you just applied to login administration interface of DDNS server.



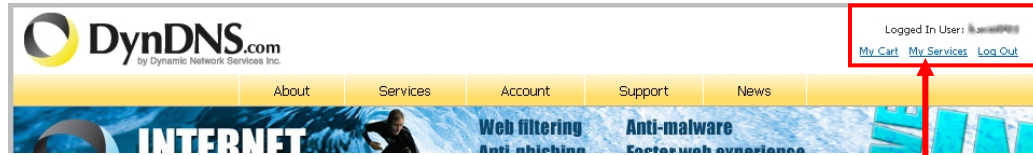
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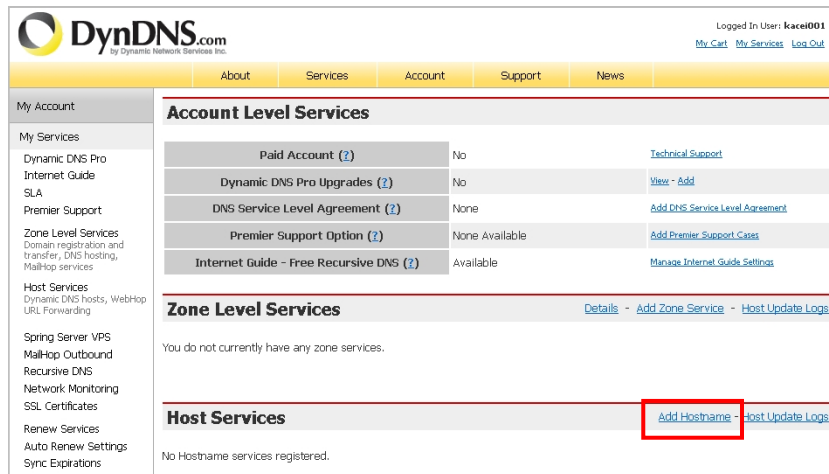
(7). If the correct username and password are input, you can see the following picture at the top-right of the login page.

(8). Click the "My Services".

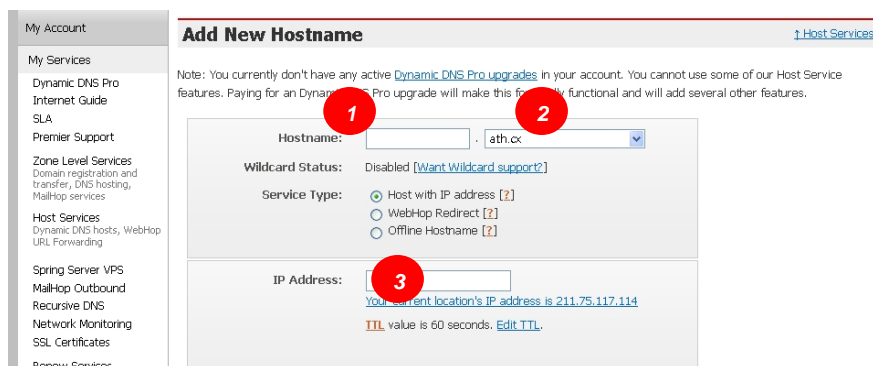


Click on the link

(9). Click the "Add Hostname".



(11). We could create a domain name without any charge at this step. First, we input the host name. (No.1) Then we pick a domain that is easy to remember. Finally (No.2), input you current IP address (No.3) then click on the bottom of "Add To Cart" button to submit the domain name information.

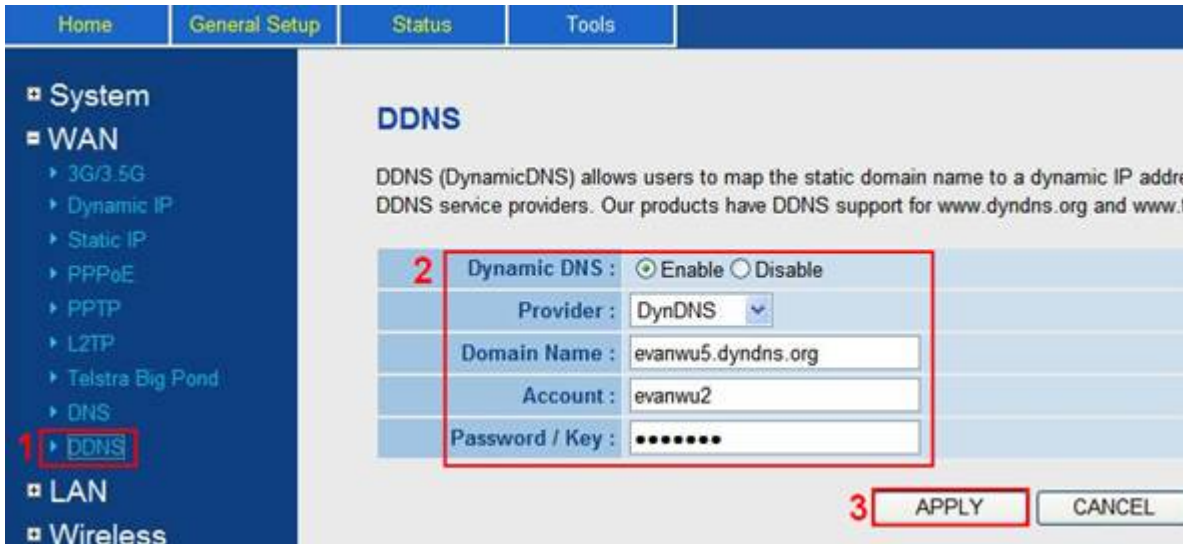


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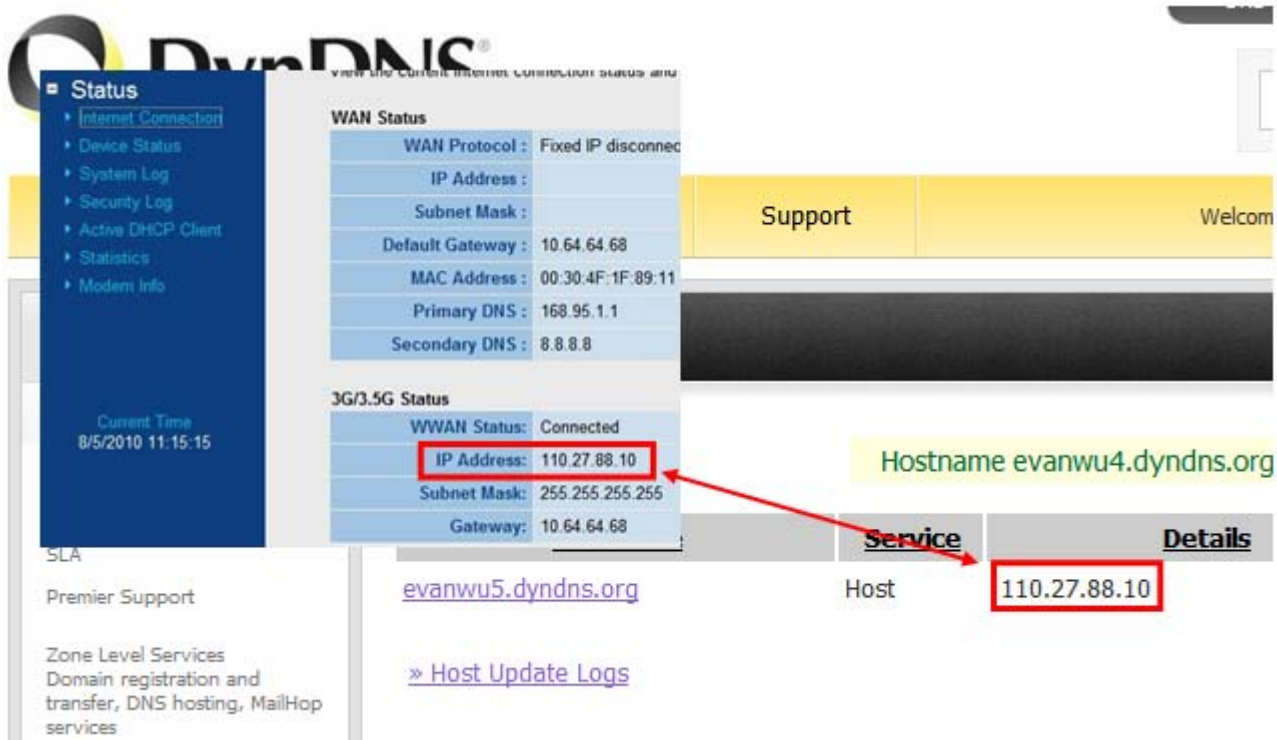
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Step5. Go to “WAN→DDNS” page for setting your DDNS domain, account and password, then press “Apply” button to enable DDNS work.



Please make sure your 3G IP address is same as your DDNS domain.



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Step6. Set the ICA-HM220W Gateway IP address same as your WNRT-626G LAN IP address.

The image shows two web interfaces side-by-side. On the left is the 'LAN' configuration page for a WNRT-626G router. It features a 'LAN IP' section with a table where the 'IP Address' is set to '192.168.0.30' and the 'Subnet Mask' is '255.255.255.0'. On the right is the 'Network' configuration page for an ICA-HM220W camera. In the 'LAN' section, the 'IP Address' is also set to '192.168.0.30'. A red arrow points from the IP address in the WNRT-626G interface to the IP address in the ICA-HM220W interface. A red text overlay across the middle of the image reads: 'The ICA-HM220W Gateway same as your WNRT-626G LAN IP'.

Step7. Goto your ICA-HM220W Web-page, and to setup your “Email” page at **Motion Detection**→**E-Mail**.

The image shows the 'Motion Detection' configuration page for an ICA-HM220W camera. The 'E-Mail' tab is selected and highlighted in red. The configuration fields are as follows: 'Recipient E-Mail Address' (empty), 'E-Mail Subject' (Motion Detection Notification), 'SMTP Server' (empty), 'SMTP Port' (25), 'Sender E-Mail Address' (empty), 'SMTP Authentication' (radio buttons for Enable and Disable, with Enable selected), 'SMTP enable SSLv2v3 function' (radio buttons for Enable and Disable, with Disable selected), 'User Name' (empty), and 'Password' (empty). There are 'Apply' and 'Send a test email' buttons at the bottom of the form.

Step8. Goto “**Motion Region**” page to select your “Detect Region” and please press “Save” button to apply this setting.



Step9. Goto “**Motion Detection**” page to “Enable Motion Detection” and enable “Send Snapshot file to E-Mail” and please press “Save” button to apply this setting.

Motion Detection Motion Region E-Mail FTP Configuration SD Card Configuration

Motion Detection

- Enable Motion Detection : Enable Disable
- Motion Detection Interval : 5 seconds
- Recording Time : 3
- Sending File Type : JPEG
- Send snapshot file to FTP : Enable Disable
- Send snapshot file to E-Mail : Enable Disable

SD Card

- SD Card Record : Enable Disable
- Storage File Type : JPEG
- Record File Size : 10 MBytes (Max 100 MB)

Samba Network

- Record to Folder : Enable Disable
- Authentication : Anonymous
- User Name :
- Password :
- Samba Server :

Step10. Please make sure your DDNS Domain is mapping your 3G IP Address.
Ex. We use “ping” command to check it is mapping.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [版本 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\evanuu> ping evanuu5.dyndns.org

Pinging evanuu5.dyndns.org [110.27.88.10] with 32 bytes of data:

Request timed out.
Reply from 110.27.88.10: bytes=32 time=417ms TTL=51
Reply from 110.27.88.10: bytes=32 time=117ms TTL=51
Reply from 110.27.88.10: bytes=32 time=156ms TTL=51

Ping statistics for 110.27.88.10:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 117ms, Maximum = 417ms, Average = 230ms

C:\Documents and Settings\evanuu>
```



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Step11. After all setting as above, you can use your ddns domain and **port 8080 and 8888** to remote your WNRT-626G and ICA-HM220W. Also, ICA-HM220W motion detect alarm to send E-mail is work!

<http://ddns-domain-name:8080/> to remote WNRT-626G

<http://ddns-domain-name:8888/> to remote ICA-HM220W

Ex.

<http://evanwu5.dyndns.org:8080/> to remote WNRT-626G

<http://evanwu5.dyndns.org:8888/> to remote ICA-HM220W



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