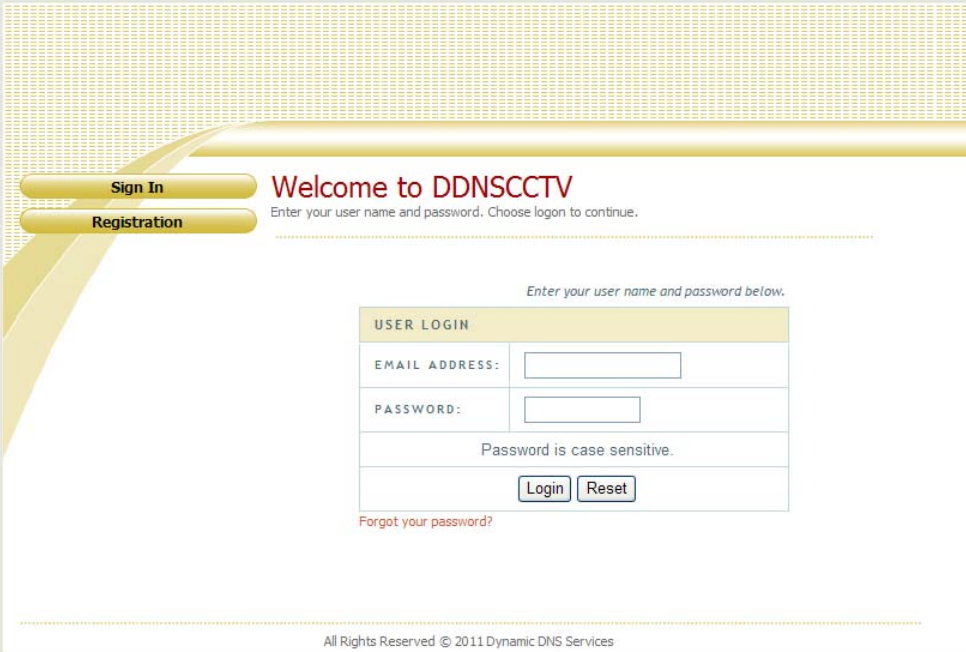


How to use DDNS

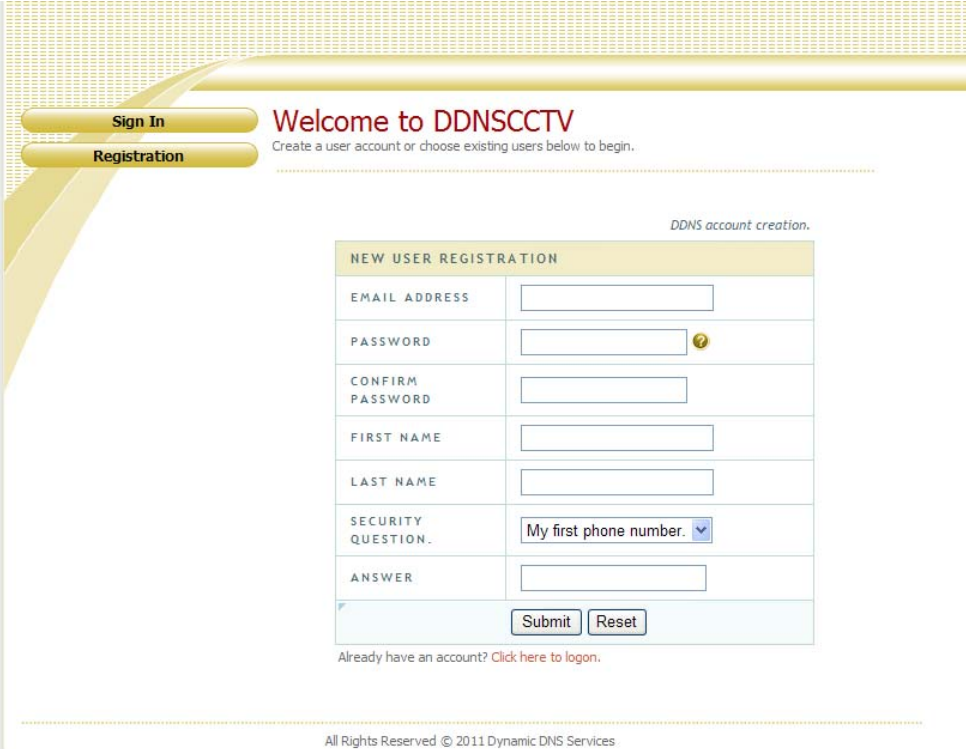
1. Own DDNS Server

How to register DDNS



The screenshot shows the DDNSCCTV login interface. On the left, there are two buttons: "Sign In" and "Registration". The main heading is "Welcome to DDNSCCTV" with the instruction "Enter your user name and password. Choose logon to continue." Below this, a prompt says "Enter your user name and password below." The "USER LOGIN" form contains fields for "EMAIL ADDRESS:" and "PASSWORD:". A note states "Password is case sensitive." At the bottom of the form are "Login" and "Reset" buttons. A link "Forgot your password?" is located below the form. The footer text reads "All Rights Reserved © 2011 Dynamic DNS Services".

- 1) Input <http://ddnscctv.com> on web browser to connect DDNS server.
- 2) If you don't have an account, click Registration button.



The screenshot shows the DDNSCCTV registration interface. On the left, there are two buttons: "Sign In" and "Registration". The main heading is "Welcome to DDNSCCTV" with the instruction "Create a user account or choose existing users below to begin." Below this, a prompt says "DDNS account creation." The "NEW USER REGISTRATION" form contains fields for "EMAIL ADDRESS", "PASSWORD" (with a help icon), "CONFIRM PASSWORD", "FIRST NAME", "LAST NAME", "SECURITY QUESTION" (with a dropdown menu showing "My first phone number."), and "ANSWER". At the bottom of the form are "Submit" and "Reset" buttons. A link "Already have an account? Click here to logon." is located below the form. The footer text reads "All Rights Reserved © 2011 Dynamic DNS Services".

- 3) Fill in E-mail address, password, name and etc.. Then, click Submit button.

- 4) Input domain name you wish to create and click Request Domain button.
Domain name can be created with combinations of alphabets, numbers and marks.
(You must not put a mark on first letter of domain name.)
- 5) Click Logout button after domain name has been successfully registered.
- 6) You can log on with E-mail and password you registered.

DDNS setup on DVR

- 1) Enter SETUP → NETWORK → DDNS
- 2) Select DDNSCCTV.COM (3 options : DDNSCCTV.COM, NO-IP.COM, DYNDNS.COM)
- 3) Input E-mail address & password you registered at <http://ddnsccctv.com> on USER ID and PASSWORD.
- 4) Input domain name you registered at <http://ddnsccctv.com> on HOSTNAME.

DDNS use

Input domain name you registered on web browser.

EX) <http://bluemoon.ddnscctv.com>

For WAN connection, DVR web port/client port should be forwarded. (Port-forwarding)

In this case, input : (colon) web port.

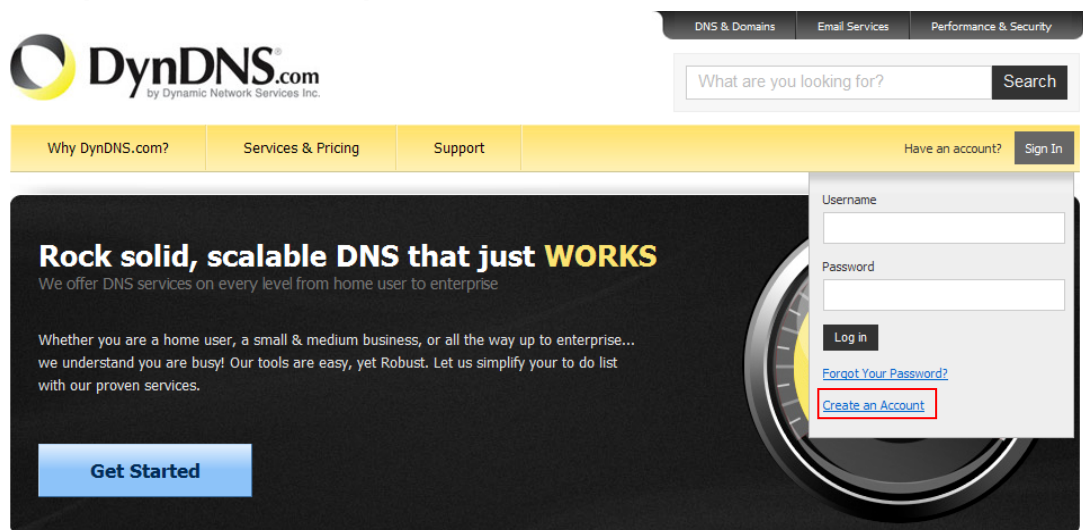
EX) If web port is set 1000 on DVR, <http://bluemoon.ddnscctv.com:1000>

2. Public DDNS : DYNDNS

Register your ID on DYNDNS

1) How to register your ID on DYNDNS.

- (1) Open website : <http://www.dyndns.com>
- (2) Click [Create and Account]

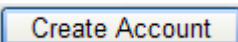


(3) Input in box

Username:	<input type="text"/>
Password:	<input type="password"/>
Confirm password:	<input type="password"/>
Email:	<input type="text"/>
Confirm email:	<input type="text"/>
Subscribe to:	<input checked="" type="checkbox"/> DynDNS.com newsletter (1 or 2 per month) <input type="checkbox"/> Dyn Inc. press releases <input type="checkbox"/> Remove HTML formatting from email

- Username = USER ID
- Password = Password
- Email = Your own email address

☒ I agree with the [acceptable use policy \(AUP\)](#) and [privacy policy](#).

Click 

- (4) If you click  , DynDNS.com sends to your mail registered contents as below ;

From : DynDNS.com Donotreply [donotreply@dyndns.com]

Subject : Your DynDNS.com Account Information

Your DynDNS.com Account 'HOSTNAME' has been created. You need to visit the confirmation address below within 48 hours to complete the account creation process:

<https://www.dyndns.com/confirm/create/E4drEF9MPW9gB87cfxxxxxx>

Our basic service offerings are free, but they are supported by our paid services. See <http://www.dyndns.com/services/> for a full listing of all of our available services.

If you did not sign up for this account, this will be the only communication you will receive. All non-confirmed accounts are automatically deleted after 48 hours, and no addresses are kept on file. We apologize for any inconvenience this correspondence may have caused, and we assure you that it was only sent at the request of someone visiting our site requesting an account.

Sincerely,

The DynDNS.com Team

Dynamic Network Services Inc.

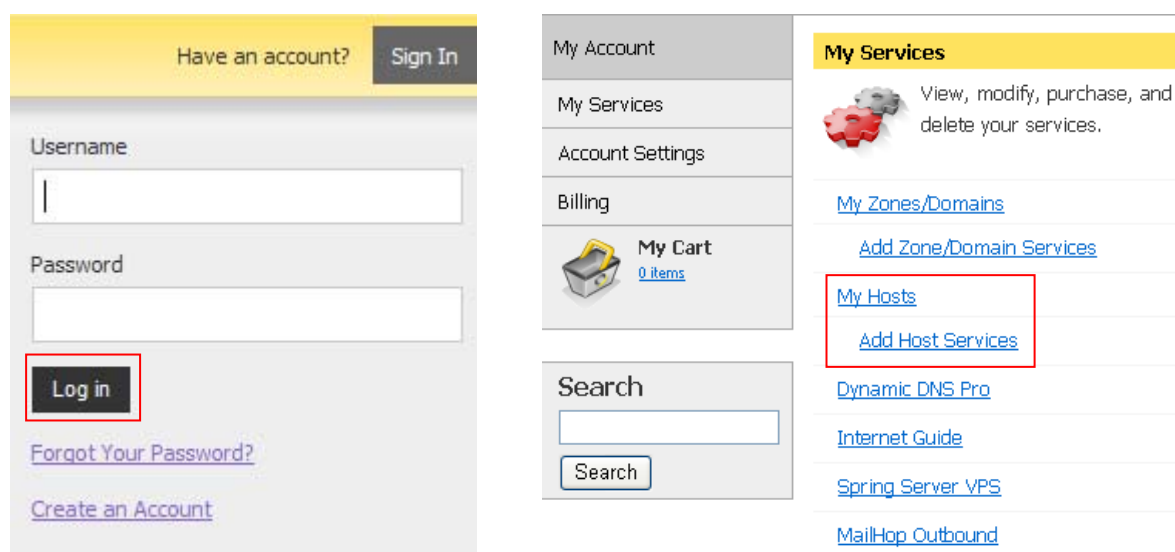
- (5) Click the confirmation address on DynDNS e-mail.

-> Example :

<https://www.dyndns.com/confirm/create/E4drEF9MPW9gB87cfxxxxxx>

2) Add Host Services

- (1) Log in and click [MY ACCOUNT]
- (2) Click [Add Host Services] of [My Hosts]



The screenshot displays the DynDNS.com website interface. On the left, there is a login form with fields for 'Username' and 'Password', a 'Log in' button (highlighted with a red box), and links for 'Forgot Your Password?' and 'Create an Account'. Above the form are links for 'Have an account?' and 'Sign In'. In the center, a vertical navigation menu includes 'My Account', 'My Services', 'Account Settings', 'Billing', and 'My Cart' (showing 0 items). Below this is a search bar. On the right, the 'My Services' section is highlighted with a yellow header. It contains a gear icon and text: 'View, modify, purchase, and delete your services.' Below this are several links: 'My Zones/Domains', 'Add Zone/Domain Services', 'My Hosts' (highlighted with a red box), 'Add Host Services' (highlighted with a red box), 'Dynamic DNS Pro', 'Internet Guide', 'Spring Server VPS', and 'MailHop Outbound'.

① Input Hostname :

Your Host name will create DDNS Host as "HOSTNAME".dyndns.org

② Select one Domain name : dyndns.org

③ Input IP Address

It is logical IP address for Hostname(Physical address).

Your IP address is automatically indicated as below ;

Your current location's IP address is _____

④ Click [Add Chart].

Add New Hostname

[↑ Host Services](#)

You don't currently have a [Dynamic DNS Pro service](#) in your account.

To get the full benefits of Dynamic DNS, including premium subscriber domains and other features, [add Dynamic DNS Pro to your shopping cart](#) (or try it with \$1.99 [monthly subscription](#)).

The screenshot shows the 'Add New Hostname' form with the following elements and annotations:

- Hostname:** A text input field (1) and a dropdown menu (2) showing 'dyndns.org'.
- Wildcard:** A checkbox labeled 'create "**.host.dyndns-yourdomain.com" alias (for example to use same settings for www.host.dyndns-yourdomain.com)'.
- Service Type:** Radio buttons for 'Host with IP address' (selected), 'WebHop Redirect (URL forwarding service)', and 'Offline Hostname'.
- IP Address:** A text input field (3) with a link below it that says 'Your current location's IP address is 125.133.50.18'.
- TTL value:** A label 'TTL value is 60 seconds.' and a link 'Edit TTL...'.
- Mail Routing:** A checkbox labeled 'I have mail server with another name and would like to add MX hostname...'.
- What do you want to use this host for?:** A section with the instruction 'Select services and devices you would like to use with this hostname.' and several categories of services: 'Work From Home Office or VPN' (vpn, remote file access, remote desktop, mail server, web server, chat server, ftp backup, ssh, database, voip), 'Hosting and Design For Web Sites and Blogs' (blog, gallery, wiki, portfolio, ecommerce, web page), and 'Remote Access For Devices' (dvr, webcam, data storage, cctv, printer, alarm and security, thermostat, weather station, game server, home automation).
- Add To Cart:** A button (4) at the bottom right of the form.

⑤ You can see the followings.

Click [Next >>]

Your cart contains **free services only**. You will not be asked for credit card information.

Upgrade Options
Free accounts allow only two Dynamic DNS hosts.
• To add more and enjoy [additional benefits](#) for only \$15.00 per year, [purchase Dynamic DNS Pro](#).
• To get Dynamic DNS for **your own domain**, use [Custom DNS](#).

Dynamic DNS Hosts
[www.dyndns.org](#) - [remove](#) \$0.00

Please enter coupons in the box below and click "Add Coupon".
 [Add Coupon](#)

Sub-Total: \$0.00
Order Total: \$0.00

Would you like to [print an estimate/quote](#)?

[Next >>](#)

⑥ You can see the followings.

Click [Activate Services >>]

Once you have confirmed the contents of your cart your services will be instantly activated.

Service	Period	Price
Dynamic DNS Hosts		
www.dyndns.org	-	\$0.00
Sub-Total:		\$0.00

[Activate Services >>](#)

⑦ If you success, you can see the followings.

[www.dyndns.org](#) successfully activated.

Hostname	Service	Details	Last Updated
www.dyndns.org	Host	129.159.50.10	Dec. 13, 2010 6:18 AM
» Host Update Logs			Add New Host

**** IP ADDRESS !!**

- If DVR and PC use same router, you input the external IP address,
 - If DVR and PC use public line, you can check DVR's IP address .
- Please refer the static IP address.

3) DynDNS Hostname Expire term

Free DYNDNS Hostname expires per 60 days.

DynDNS. Com notices your Expire date in advance to your e-mail registered.

Free Dynamic DNS must be updated via our website or dynamic update client every 60 days.

If you get Notice e-mail, please follow the step indicated on your e-mail.

3. Execute Port Forwarding

1) Execute port forwarding in router.

(1) You should input internal IP address in accordance with DVR's IP.

(2) And then input external port and internal port of protocol in accordance with Client port of DVR.

(3) And then input external port and internal port of protocol in accordance with WEB port of DVR.

-> For example : You can see the demo-1, and demo-2.

Demo-1 is for client port and demo-2 is for web port.

You should select one value of client port in DVR.

**The value of web is available from 0000 to 9999.

[Default value : 0080]

Port Forwarding

정의된 리스트 사용자정의 규칙이름

DVR IP Address

☐ 현재 접속된 PC의 IP 주소로 설정(192.168.1.111)

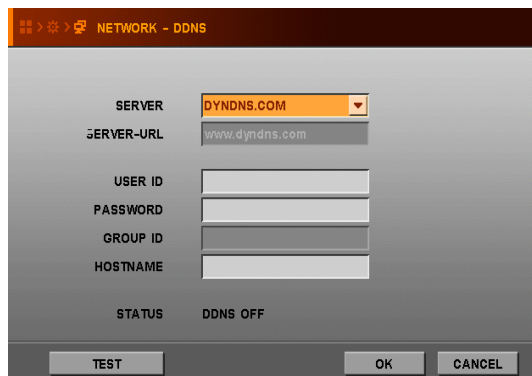
Protocol External Port ~ Internal Port ~

최대 60개의 규칙이 설정 가능합니다.

낮은 번호일수록 우선순위가 높습니다.
규칙이름을 클릭하시면, 해당 규칙을 수정할 수 있습니다.

<input type="checkbox"/>	<input type="checkbox"/>	동작	규칙이름	내부 IP	Protocol	External Port	Internal Port	<input type="checkbox"/>	삭제
1	<input checked="" type="checkbox"/>	QCS4-1	192.168.1.113	tcp	7710-7714	7710-7714	<input type="checkbox"/>		
2	<input checked="" type="checkbox"/>	QCS4-2	192.168.1.113	tcp	600-600	600-600	<input type="checkbox"/>		
3	<input checked="" type="checkbox"/>	ftp	192.168.1.104	tcp	21	21	<input type="checkbox"/>		
4	<input checked="" type="checkbox"/>	telnet	192.168.1.104	tcp	23	23	<input type="checkbox"/>		
5	<input checked="" type="checkbox"/>	cvs	192.168.1.104	tcp	2401	2401	<input type="checkbox"/>		
6	<input checked="" type="checkbox"/>	M480-1	192.168.1.146	tcp	7640-7644	7640-7644	<input type="checkbox"/>		
7	<input checked="" type="checkbox"/>	M480-2	192.168.1.146	tcp	30-30	30-30	<input type="checkbox"/>		
8	<input checked="" type="checkbox"/>	demo-1	192.168.1.116	tcp	7770-7774	7770-7774	<input type="checkbox"/>		
9	<input checked="" type="checkbox"/>	demo-2	192.168.1.116	tcp	700-700	700-700	<input type="checkbox"/>		
10	<input checked="" type="checkbox"/>	회의실	192.168.1.195	tcp	100-100	100-100	<input type="checkbox"/>		
11	<input checked="" type="checkbox"/>	회의실2	192.168.1.195	tcp	7620-7620	7620-7624	<input type="checkbox"/>		

4. How to Set up DVR



How to set up DYNDNS on DVR.

;Menu > Network > Setup > DDNS

- SERVER - Choose server type.
- USER ID - Enter your site ID registered on DYNDNS website : HOST NAME
- PASSWORD - Enter your site PASSWORD registered on DYNDNS website.
- HOST NAME - Enter your host name registered on DYNDNS website. :

-> Example : HOSTNAME.dyndns.org

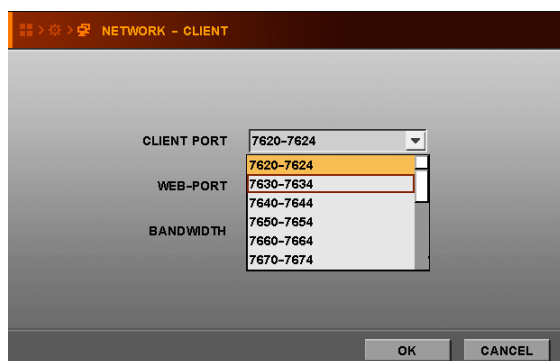
After setup of DDNS, select TEST Icon to verify the connection to DDNS site.

If you success, you can see the followings ; *DDNS UPDATE SUCCESS!!*

1) CLIENT

Select one of given CLIENT PORT list, and enter desired value at WEB PORT.

[Default value : 0080]



(1) Client PORT : Input the same number as the router.

Client PORT are given from 7620-7624 to 7770-7774.

-> Example : 7700

8	<input checked="" type="checkbox"/>	demo-1	192.168.1.116	tcp	7770-7774	7770-7774	<input type="checkbox"/>
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(2) WEB-PORT : Input the desired value.

9	<input checked="" type="checkbox"/>	demo-2	192.168.1.116	tcp	700-700	700-700	<input type="checkbox"/>
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5. How to view on PC

This is to access the DVR through our web-viewer which runs under Internet Explorer.

If you use DNYDNS server, you can type the address as below.

->Example: <http://hostname.dvrdns.org:80> on the I.E

(If you want to use other web-port number except "80", you can type other web-port number.

Then you'll be asked to download & install 'ActiveX'. Should download and install 'ActiveX'.

Then, our web-viewer will be showed.

6. How to view on Mobile

Access the internet on your mobile.

1) HOST NAME

- Type <http://HOSTNAME/mobile.html>.

You should type the web-port number as below.

-> For example : <http://HOSTNAME.dyndns.org/mobile.html>.

- If web-port is '80', you don't need to type of it but, if you use other web-port numbers instead of 80, you should type the web-port number as below

-> Example : <http://HOSTNAME.dyndns.org:600/mobile.html>

2) DVR IP address .

- Type <http://IP address/mobile.html>

-> Example : <http://192.177.1.XX/mobile.html>.