

How to fix problem when set up DASAN H662GR to use TrueDDNS with CCTV

1. Check IP Address and Port of CCTV to set Port forwarding at Router

1.1. Check the setting at DVR that's used to record data from all cameras in house (ex. Watashi CCTV)

- Type IP Address of DVR at Browser, Ex. 192.168.1.108 then press Enter
- Enter Username and password of DVR then press Log in

**** in case don't know IP Address, Username and password of DVR, ask the technician who installs DVR**



1.2 Check IP Address, go to Setting > Network > TCP/IP

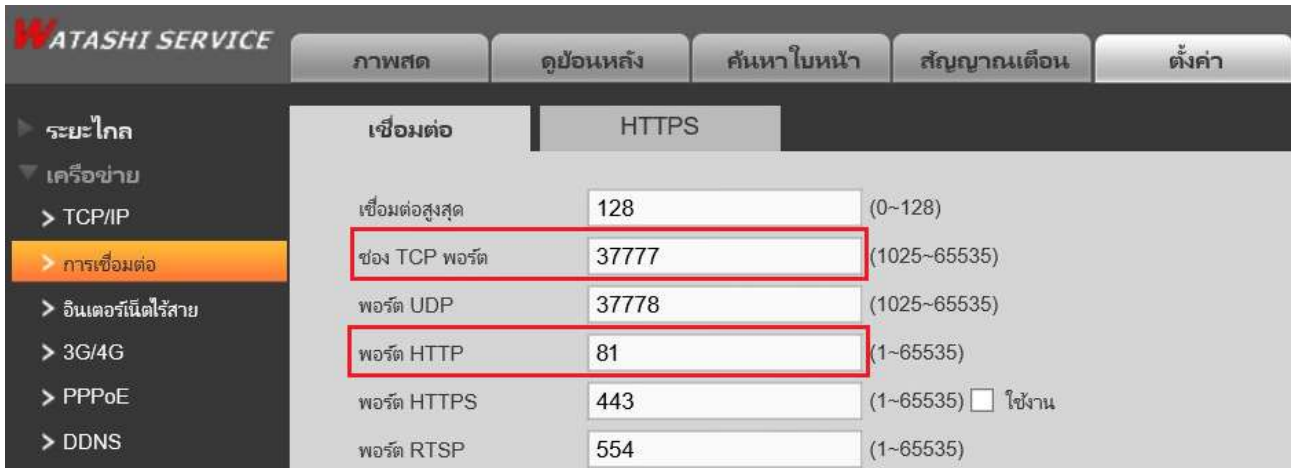
IP Address of DVR : 192.168.1.108



1.3 Check Port, go to Setting > Network > Connection

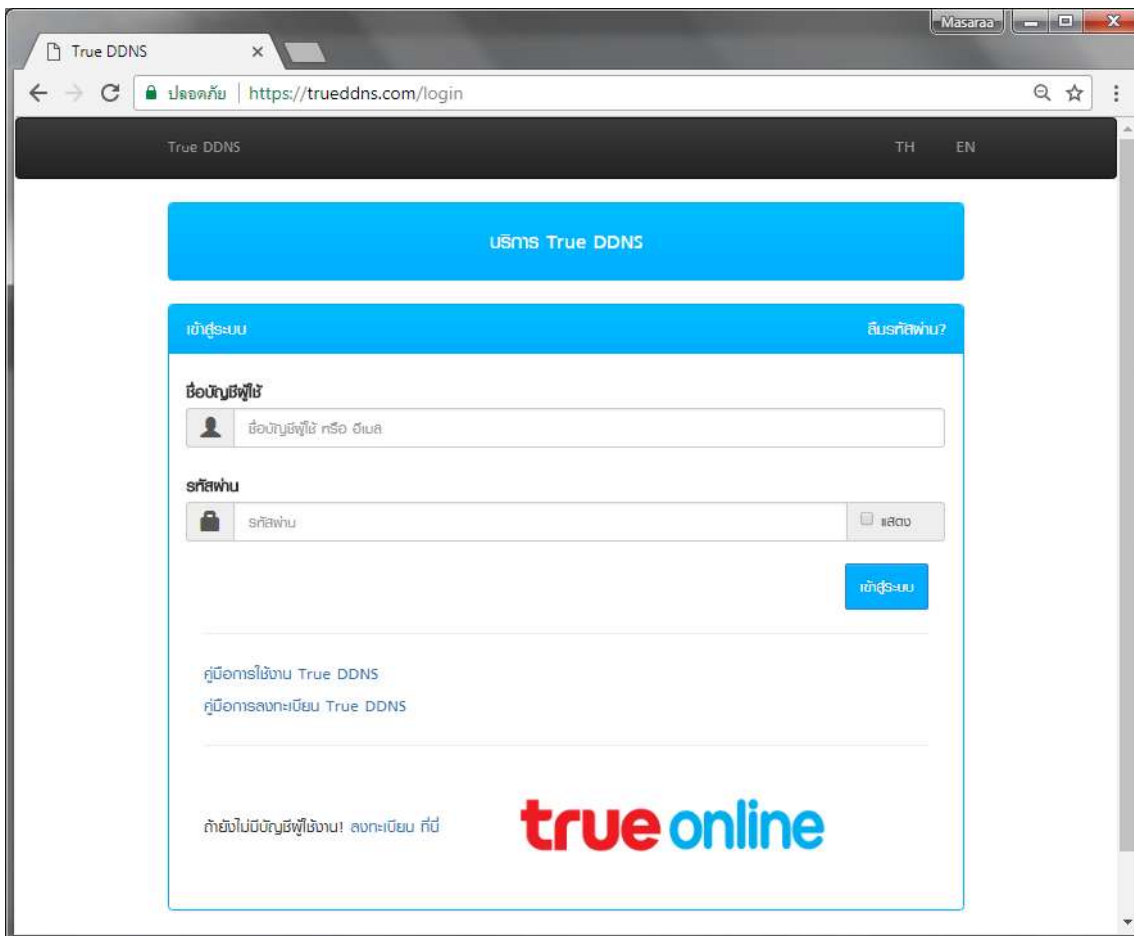
Mostly used Port :

- TCP Port : **37777** (Port to view camera via Application on Smart Phone)
- HTTP Port : **81** (Port to view camera via Web Browser)



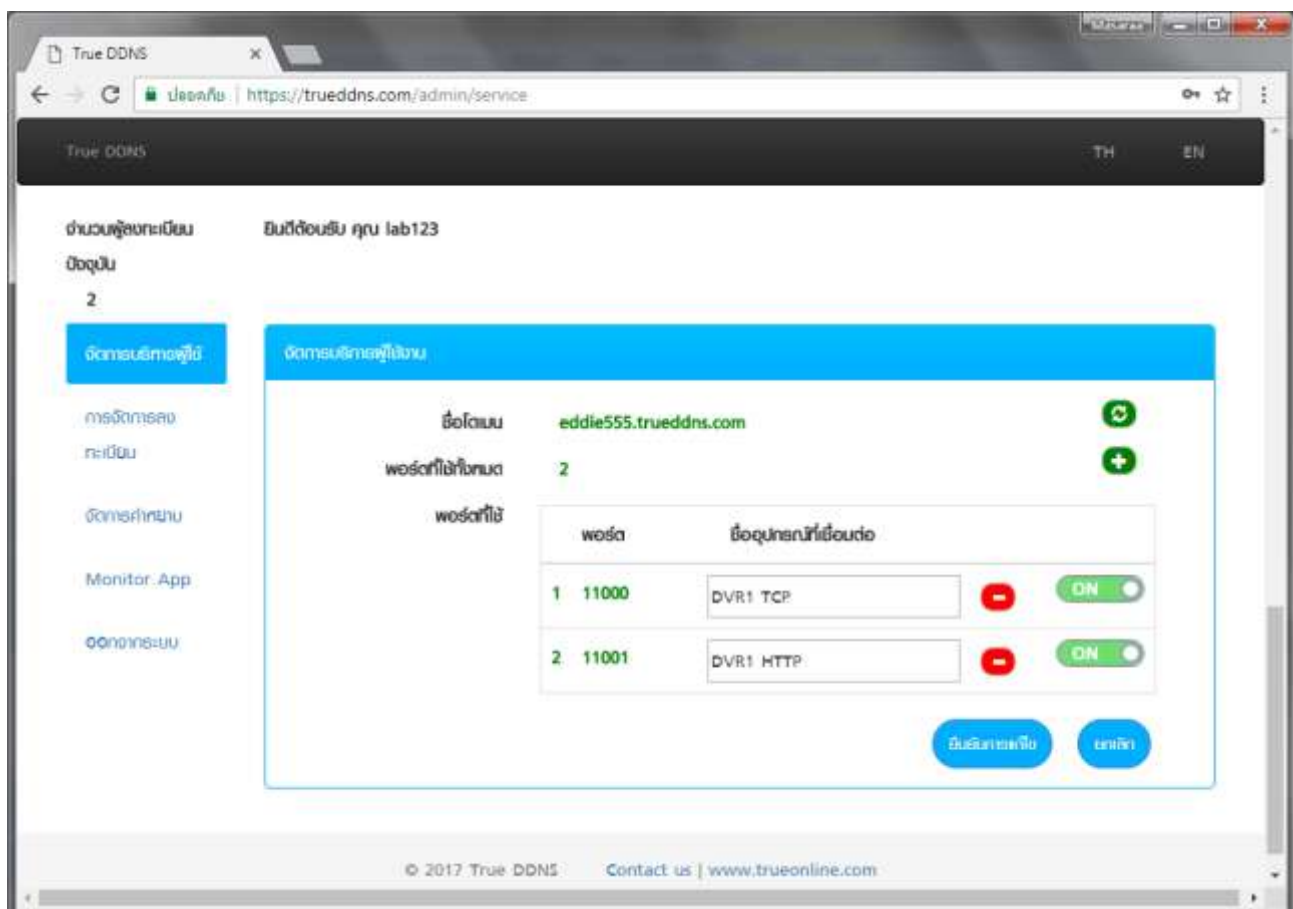
2. Type <https://trueddns.com/login> at web Browser then press Enter

Login by using registered Username and password then press Log in

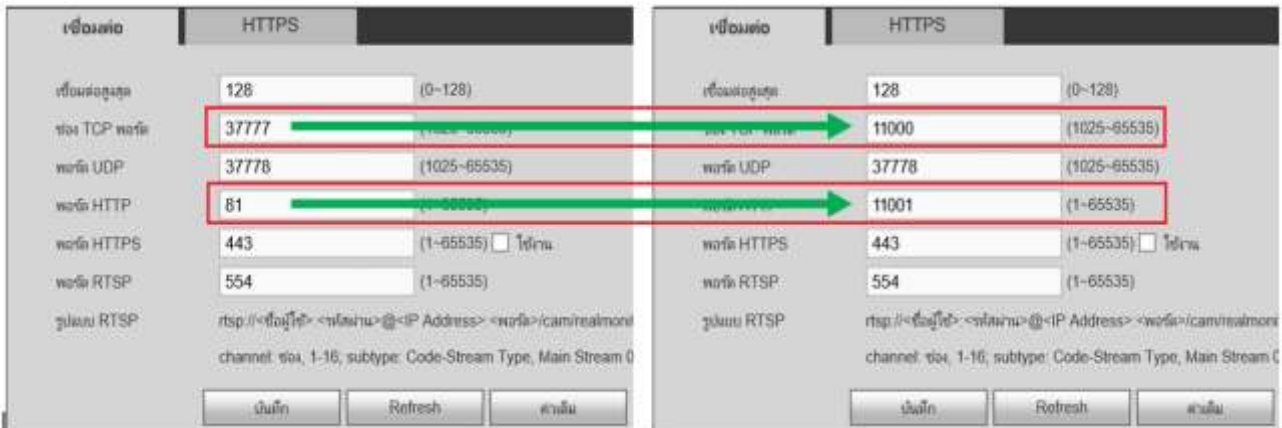


2.1 Select Service Management

- Pairing Port to align with DVR
- Port 11000 : set TCP name to be the same as TCP Port of DVR, click turn ON behind button
- Port 11001 : set HTTP name to be the same as HTTP Port of DVR, click turn ON behind button
- When finished, press Confirm

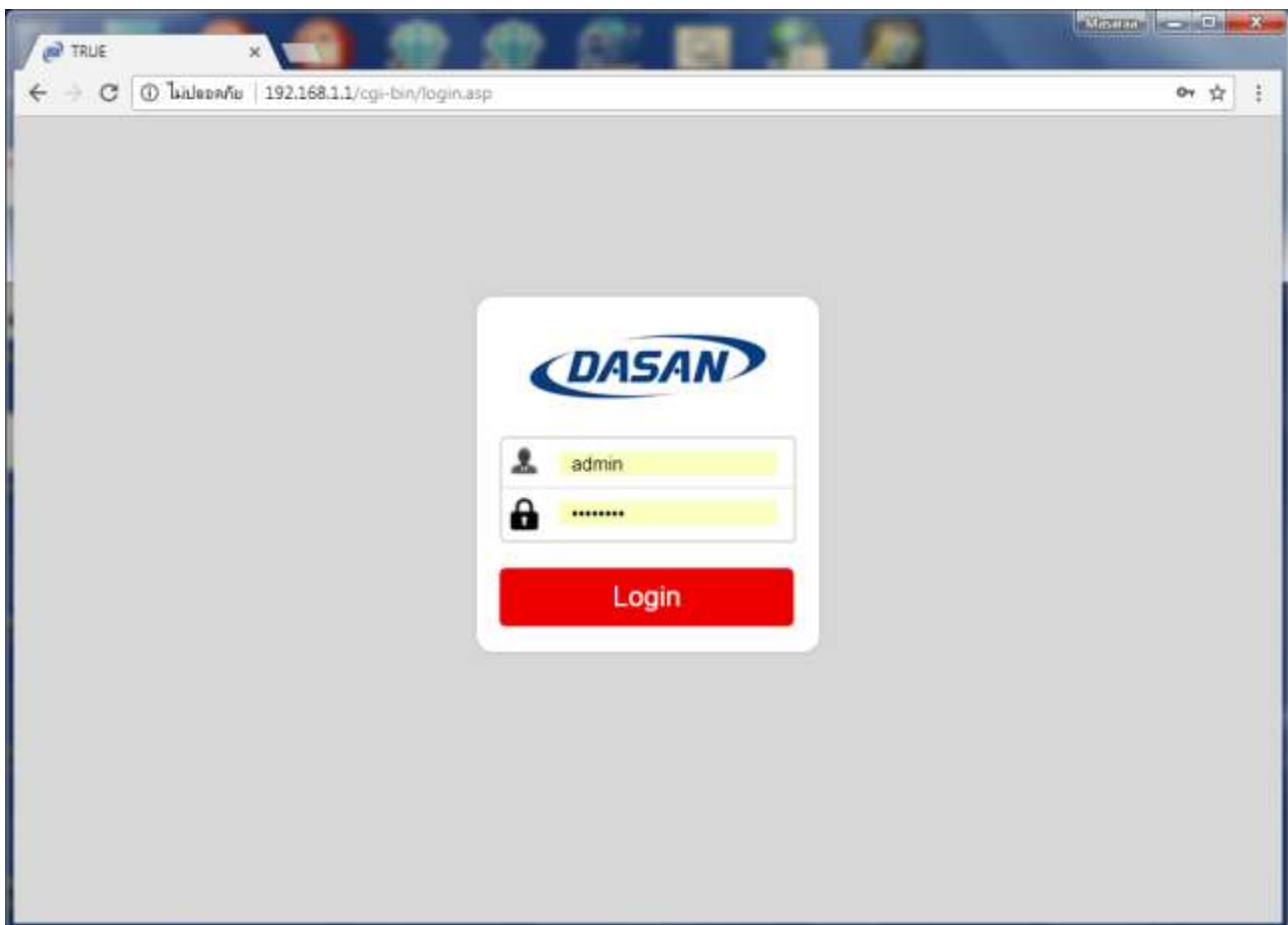


- Input Port numbers from TrueDDNS to replace old Port numbers of DVR and then press Save

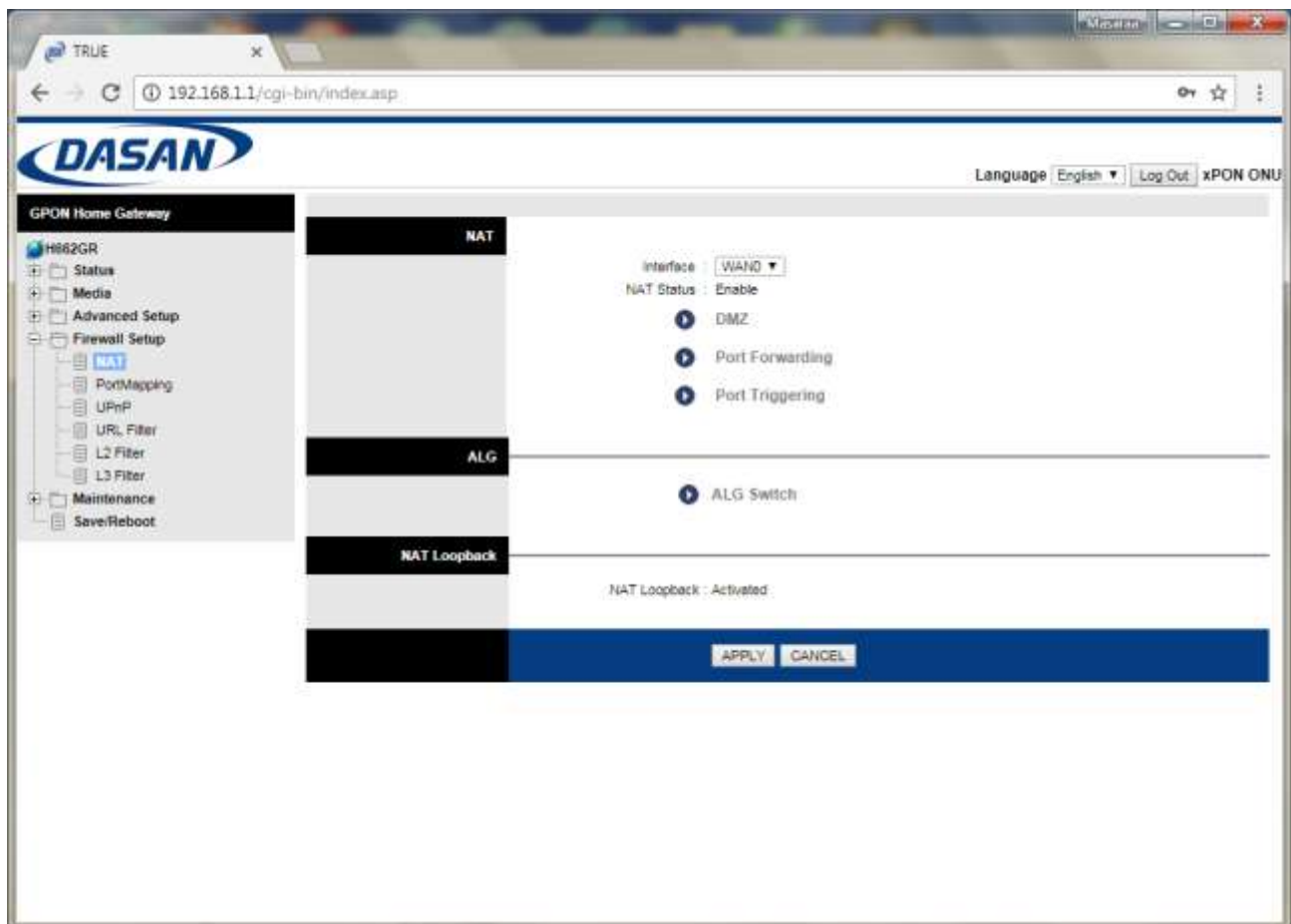


- Set up Port Forwarding at Router

type **192.168.1.1** > Username = **admin**, Password = **password**



4.1 Firewall Setup > NAT > Port Forwarding



4.2 Set up as follows:

- Protocol : ALL
- Start Port Number and End Port Number : enter Port numbers from TrueDDNS ex. 11000
- Local IP Address : enter IP Address of device to forward Port
- Start Port Number (Local) and End Port Number (Local) : enter Port numbers set at CCTV ex. 11000
- Press **APPLY**

The screenshot shows the DASAN web interface for configuring port forwarding. The browser address bar shows the URL `192.168.1.1/cgi-bin/index.asp`. The page title is "DASAN" and the user is logged in as "xPON ONU".

The configuration form is titled "Port Forwarding" and includes the following fields:

- Port Forwarding for : Single IPs Account/ WAN
- Protocol : ALL
- Start Port Number : 11000
- End Port Number : 11000
- Local IP Address : 192.168.1.108
- Start Port Number(Local) : 11000
- End Port Number(Local) : 11000

Below the configuration form is a "Port Forwarding Listing" table with the following columns: Rule, Protocol, Start Port, End port, Local IP Address, Start Port Local, End Port Local, Edit, and Drop.

Rule	Protocol	Start Port	End port	Local IP Address	Start Port Local	End Port Local	Edit	Drop
0	N/A	N/A	N/A	N/A	N/A	N/A		
1	N/A	N/A	N/A	N/A	N/A	N/A		
2	N/A	N/A	N/A	N/A	N/A	N/A		
3	N/A	N/A	N/A	N/A	N/A	N/A		
4	N/A	N/A	N/A	N/A	N/A	N/A		
5	N/A	N/A	N/A	N/A	N/A	N/A		
6	N/A	N/A	N/A	N/A	N/A	N/A		
7	N/A	N/A	N/A	N/A	N/A	N/A		
8	N/A	N/A	N/A	N/A	N/A	N/A		
9	N/A	N/A	N/A	N/A	N/A	N/A		
10	N/A	N/A	N/A	N/A	N/A	N/A		
11	N/A	N/A	N/A	N/A	N/A	N/A		
12	N/A	N/A	N/A	N/A	N/A	N/A		
13	N/A	N/A	N/A	N/A	N/A	N/A		

At the bottom of the page, there are three buttons: **APPLY**, **BACK**, and **CANCEL**.

4.3 There'll be information shown in below table

The screenshot shows the DASAN web interface for configuring port forwarding. The browser address bar shows the URL `192.168.1.1/cgi-bin/index.asp`. The interface includes a sidebar menu with options like Status, Media, Advanced Setup, Firewall Setup, NAT, Port Mapping, UPnP, URL Filter, L2 Filter, L3 Filter, Maintenance, and Save/Reboot. The main content area is titled "Port Forwarding" and contains the following configuration fields:

- Port Forwarding for: Single IPs Account/ WAN0
- Protocol: [Dropdown]
- Start Port Number: [Input: 0]
- End Port Number: [Input: 0]
- Local IP Address: [Input: 0.0.0.0]
- Start Port Number(Local): [Input: 0]
- End Port Number(Local): [Input: 0]

Below the configuration fields is a "Port Forwarding Listing" table:

Rule	Protocol	Start Port	End port	Local IP Address	Start Port Local	End Port Local	Edit	Drop
0	ALL	11000	11000	192.168.1.105	11000	11000	[Edit]	[Drop]
1	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	
2	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	
3	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	
4	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	
5	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	
6	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	
7	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	
8	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	
9	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	
10	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	
11	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	
12	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	
13	N/A	N/A	N/A	N/A	N/A	N/A	[Edit]	

At the bottom of the page, there are three buttons: APPLY, BACK, and CANCEL.

4.4 Set up TCP Port

- Protocol : ALL
- Start Port Number and End Port Number : enter Port number from TrueDDNS ex. 11001
- Local IP Address : enter IP Address of device to forward Port
- Start Port Number (Local) and End Port Number (Local) : enter Port numbers set at CCTV ex. 11001
- Press APPLY

The screenshot shows the 'Port Forwarding' configuration page in the DASAN web interface. The configuration is set for 'Single IPs Account/ WAN2' with the following parameters:

- Protocol: ALL
- Start Port Number: 11001
- End Port Number: 11001
- Local IP Address: 192.168.1.108
- Start Port Number(Local): 11001
- End Port Number(Local): 11001

Below the configuration form is a 'Port Forwarding Listing' table with the following data:

Rule	Protocol	Start Port	End port	Local IP Address	Start Port Local	End Port Local	Edit	Drop
0	ALL	11000	11000	192.168.1.108	81	81		
1	N/A	N/A	N/A	N/A	N/A	N/A		
2	N/A	N/A	N/A	N/A	N/A	N/A		
3	N/A	N/A	N/A	N/A	N/A	N/A		
4	N/A	N/A	N/A	N/A	N/A	N/A		
5	N/A	N/A	N/A	N/A	N/A	N/A		
6	N/A	N/A	N/A	N/A	N/A	N/A		
7	N/A	N/A	N/A	N/A	N/A	N/A		
8	N/A	N/A	N/A	N/A	N/A	N/A		
9	N/A	N/A	N/A	N/A	N/A	N/A		
10	N/A	N/A	N/A	N/A	N/A	N/A		
11	N/A	N/A	N/A	N/A	N/A	N/A		
12	N/A	N/A	N/A	N/A	N/A	N/A		
13	N/A	N/A	N/A	N/A	N/A	N/A		

At the bottom of the page, there are three buttons: APPLY, BACK, and CANCEL.

5 Close DDNS setting at Router

5.1 Advance Setup > Dynamic DNS

Language English Log Out xPON ONU

GPON Home Gateway

- H662GR
 - Status
 - Media
 - Advanced Setup
 - Register ID(SLID)
 - LOID
 - LAN Setup
 - Dynamic DNS**
 - Route Settings
 - RoutePolicy
 - Firewall Setup
 - Maintenance
 - Save/Reboot

Device Information

Model Name : H662GR
 OS1 : H662GR VS 2.2010001 (Active)
 OS2 : H662GR N/A
 GPON Serial Number : DSNV322c0410
 Location ID (LOID) : 00aabb012340
 System MAC Address : 00 1c e0 2c 04 10
 LAN MAC Address : 00 1c e0 2c 04 10

Refresh Time : No Refresh

Time Information

Current Date/Time : Mon Aug 28 2017 13:52:28 GMT+0700 (SE Asia Standard Time)
 System up time : 20 min/23 sec

CPU Information

CPU Load : 1.34%

Memory Information

Memory Total : 123700 kB
 Memory Free : 72996 kB
 Memory Usage : 40%

Thread Information

Running threads : 6
 All threads : 97

LAN

Ethernet Port Status

Port	Admin	Status	Mode
1	Up	Up	Full/1000
2	Up	Down	Na/Na

IPv4

IP Address : 192.168.1.1
 Subnet Mask : 255.255.255.0
 DHCP : Enabled

IPv6

Link local IP : fe80::1/64
 Manual Global IP :
 Dynamic Global IP :
 DHCP Server : Disable

5.2 Select Deactivated, press Apply

Language English Log Out xPON ONU

GPON Home Gateway

- H662GR
 - Status
 - Media
 - Advanced Setup
 - Register ID(SLID)
 - LOID
 - LAN Setup
 - Dynamic DNS**
 - Route Settings
 - RoutePolicy
 - Firewall Setup
 - Maintenance
 - Save/Reboot

Dynamic DNS

Dynamic DNS : Activated Deactivated

Interface : WAN0

Service Mode : Automatically Manually

Service Provider : www.dyn.com

My Host Name : xxxxxxx

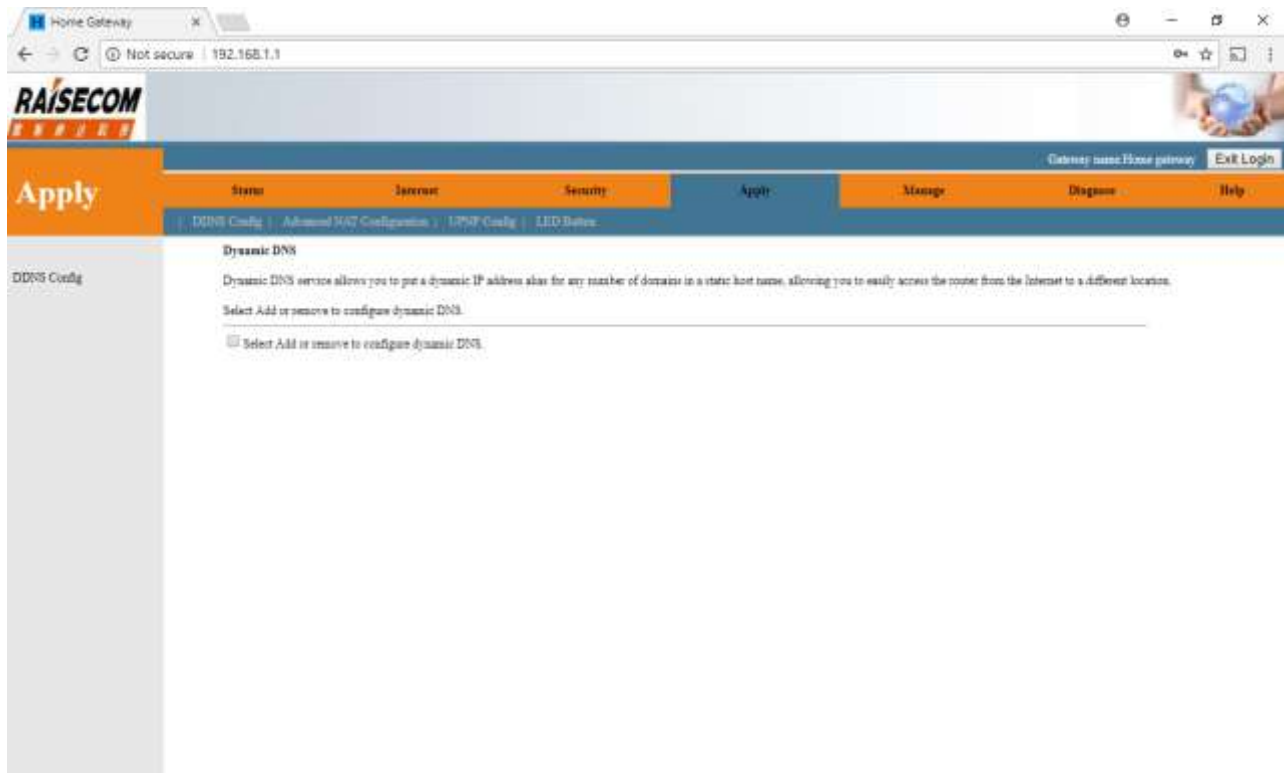
Username : xxxxxxx

Password : xxxxxxx

Wildcard support : Yes No

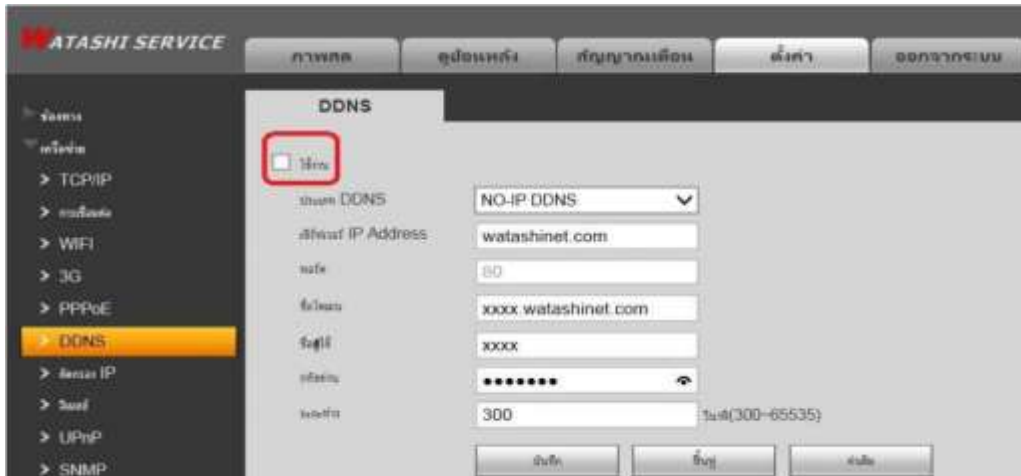
APPLY

5.3 Information will disappear

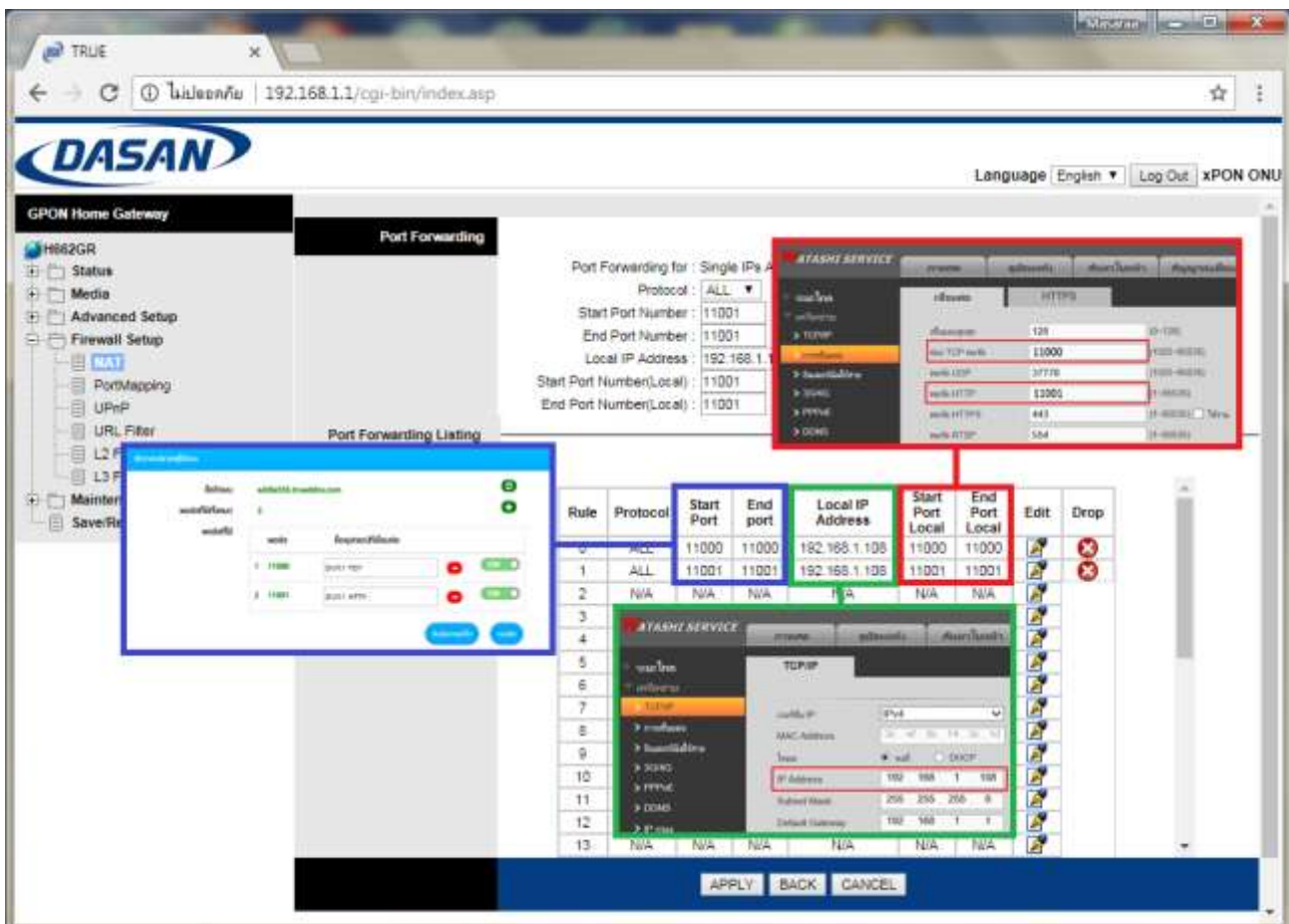


6 Close DDNS setting at DVR

- Go to Setting > DDNS
- Remove a check mark
- Press Save



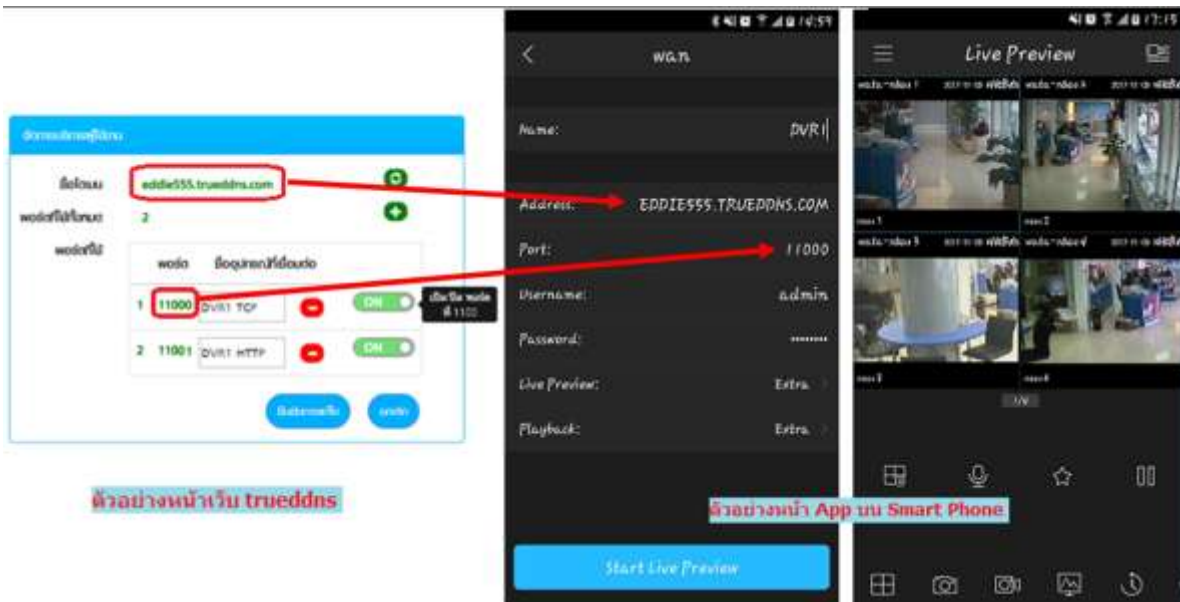
7 Overall settings



8 Test using via Mobile Internet or Internet that is different from at home

8.1 Test CCTV App on Smart Phone

- Enter Domain and port from TrueDDNS
- If the setting is correct, you'll see pictures from camera



8.2 Test the usage via Web

- Enter Domain name : Port numbers from TrueDDNS ex. eddie555.trueddns.com:11001
- If the setting is correct, you can access CCTV Web page

