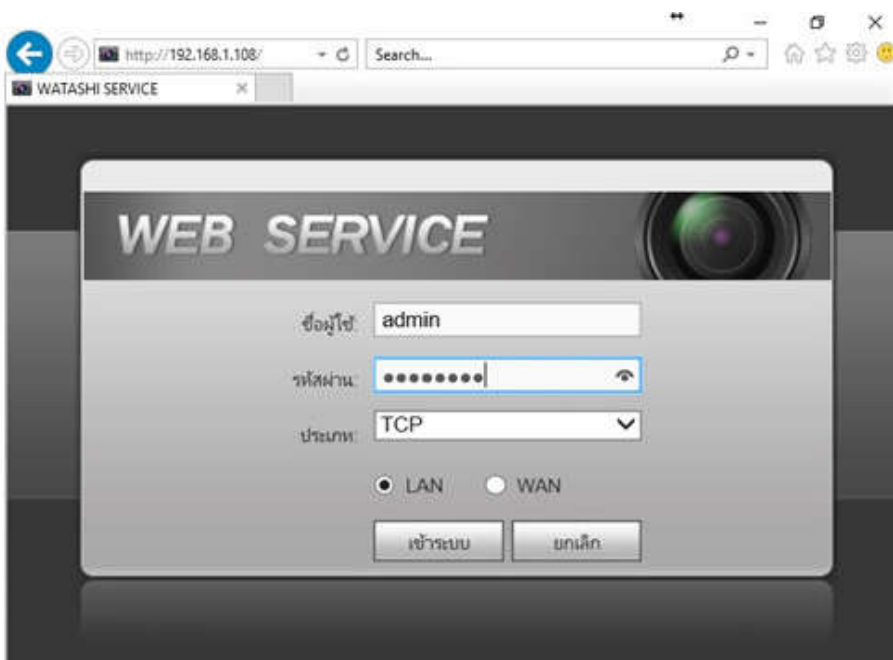


Fix Setup Problem for True DDNS to use with CCTV on HUAWEI HG8247W5

Check IP Address and Port of CCTV to set Port Forwarding at Router

1. Check the settings at DVR that used to record video from all cameras in house (example: Watashi CCTV)
 - Type IP Address of DVR at the Browser ex: 192.168.1.108 then press Enter
 - you'll find a Login page to enter DVR's username and password and press login
 - If do not know IP Address, username and password of DVR, ask the technician who installed DVR

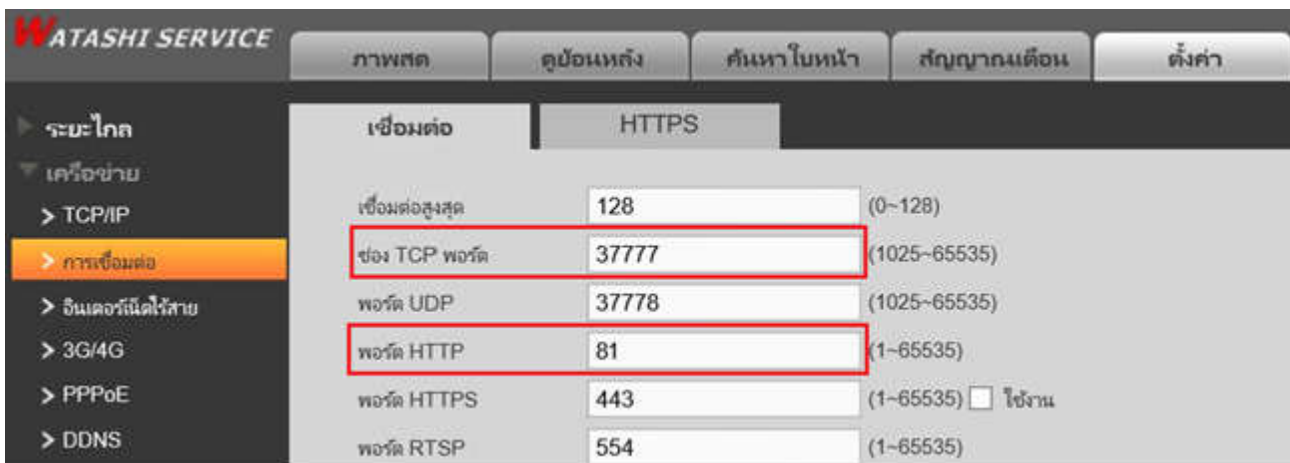


2. To check IP Address , select Setting > Network > TCP/IP > DVR IP
 Address : 192.168.1.108



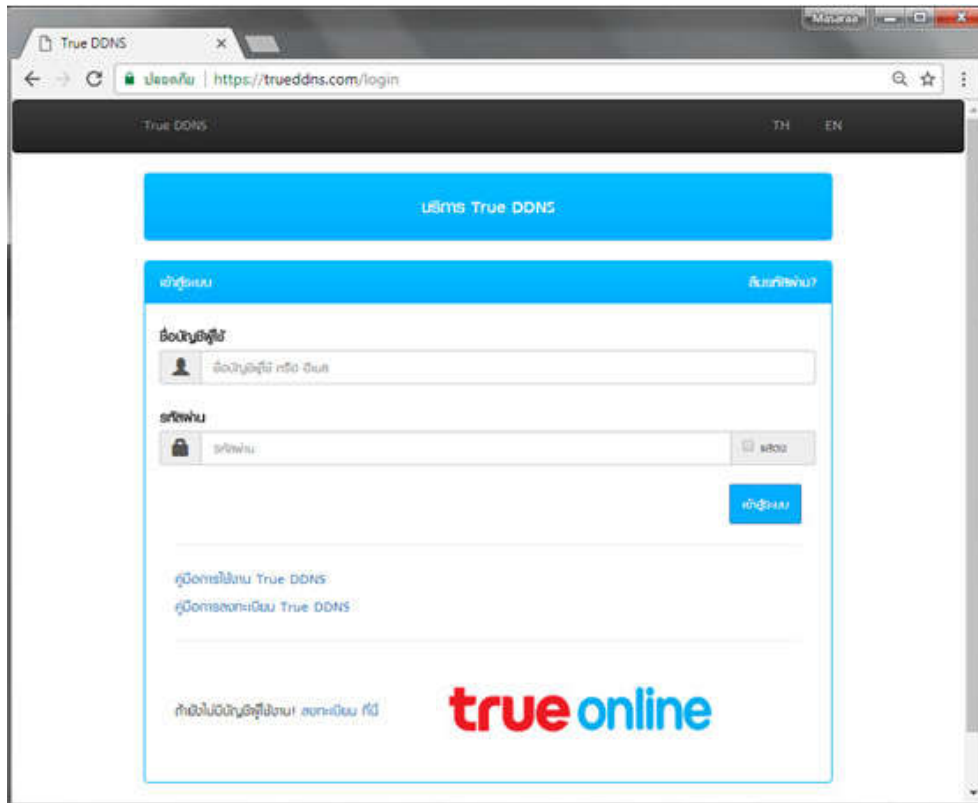
3. To check Port, select Setting > Network > Connection : most used Port is

- TCP Port : 37777 (Port for watching camera via Application on Smart Phone)
- HTTP Port : 81 (Port for watching camera through Web Browser)



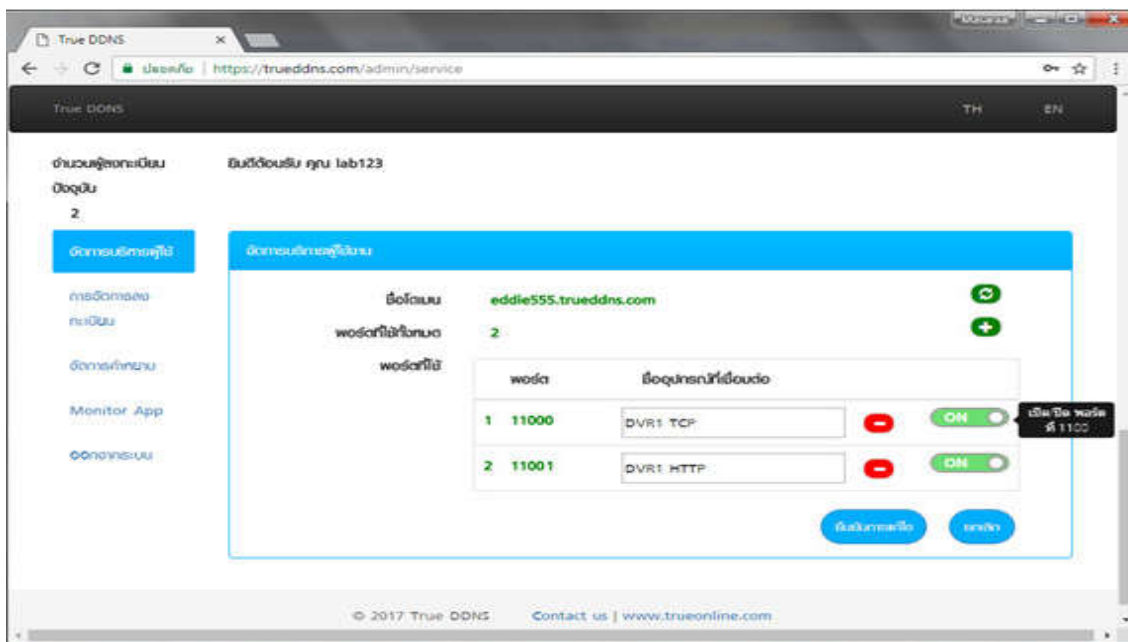
Set up TrueDDNS

1. Type <https://trueddns.com/login> at Web Browser then press Enter
> Login by registered username and password and press login



2. Select Service Management, pairing Port to align with DVR

- Port 11000 : enter TCP to align with TCP Port of DVR , click a behind button to turn it ON
- Port 11001 : enter HTTP to align with HTTP Port of DVR , click a behind button to turn it ON
- Press Confirm

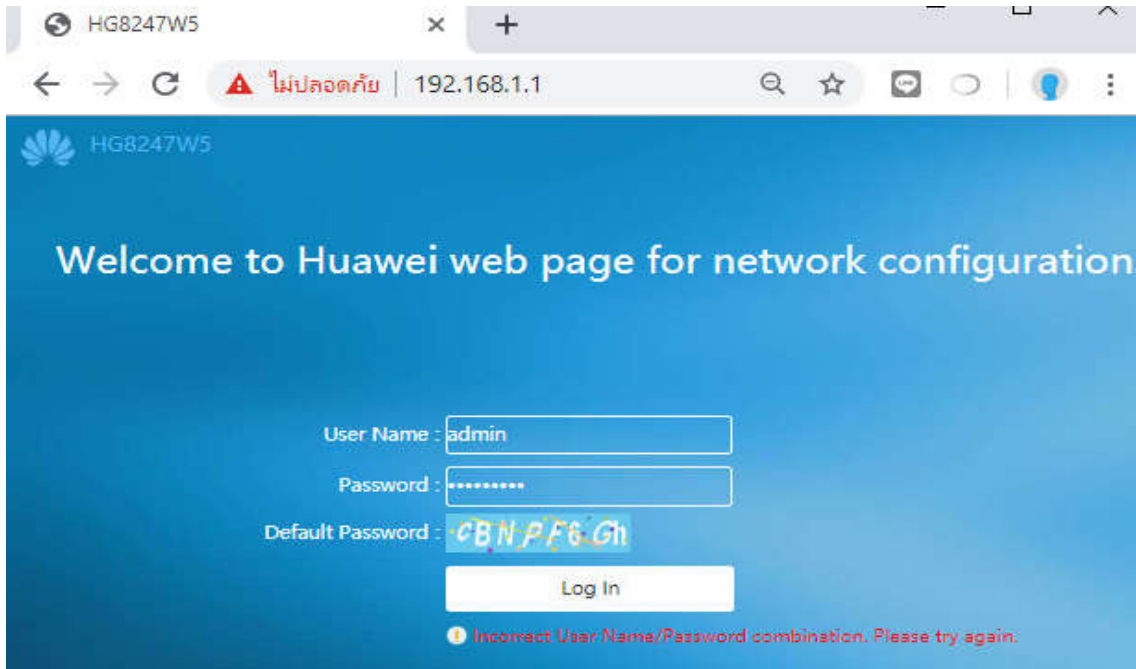


3. Use Port number received from TrueDDNS to replace old Port number of DVR then press Save

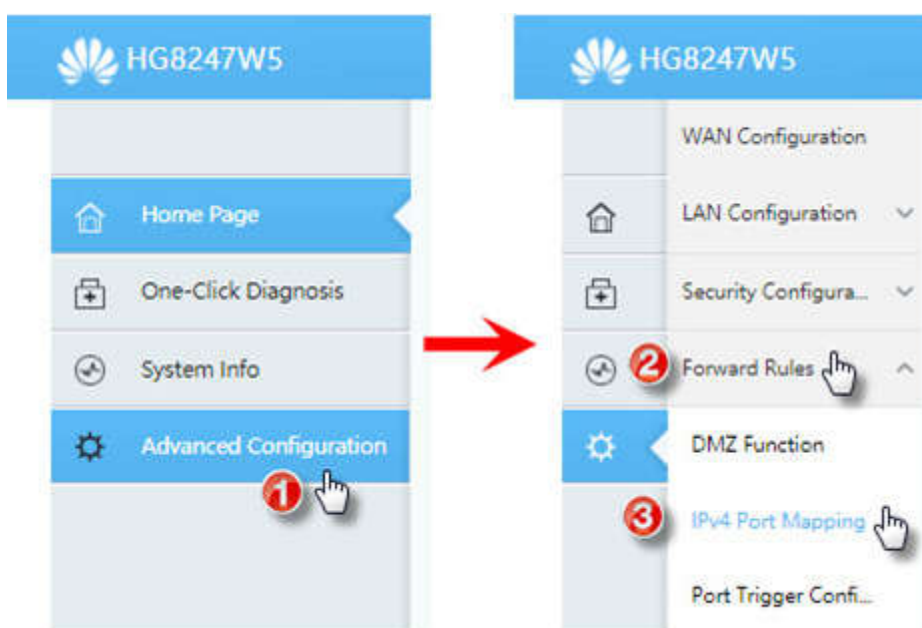


Set Port Forwarding at Router

1. Type 192.168.1.1 , Username = admin / Password = password that has been set at first setting > press Login



2. Go to Advanced Configuration > Forward Rules > IPv4 Port Mapping



3. Port Forwarding Virtual Server

- Press New
- Type : User-Defined
- Enable Port Mapping : click a check to enable
- Mapping Name : name this Profile to know the use of Port Forwarding
e.g. 'DVR' stands for Port Forwarding to DVR
- Internal Host : enter IP Address of device received from Router e.g. DVR
received IP 192.168.1.108 then enter this IP
- When finished, press Apply
- Press Add 2 times to set 2 Ports

IPv4 Port Mapping

On this page, you can set port mapping parameters to set up virtual servers on the LAN network and allow these servers to be accessed from the Internet.
Note: The well-known ports for voice services cannot be in the range of the mapping ports.

1 New Delete

Mapping Name	WAN Name	Internal Host	External Host	Enable
----	----	----	----	----

Type: 2 * User-defined Application

Application: Select...

Enable Port Mapping: 3

Mapping Name: 4 DVR1 TCP

WAN Name: 1_TR069_INTE

Internal Host: 5 192.168.1.108 Select...

External Source IP Address: --

7 Add

6 Apply Cancel

4. Set up 2 ports as follows:

- Protocol : select per use, if do not sure, choose TCP/UDP
- Internal port number : enter Port of device to forward Port
- External port number : enter Port of device to forward Port (if using True DDNS, enter Port received from True DDNS)
- When finished, press Apply

Mapping Name	WAN Name	Internal Host	External Host	Enable
DVR1 TCP	1_TR069_INTERNET_R_VID_100	192.168.1.108	--	Enable

Type: User-defined Application

Application:

Enable Port Mapping:

Mapping Name:

WAN Name:

Internal Host:

External Source IP Address: --

Protocol: **1** **2** Internal port number: --

External port number: -- External source port number: --

3

Protocol: **1** **2** Internal port number: --

External port number: -- External source port number: --

3

4

5. After setting, setup parameters will be shown in a table (number of Port Forwarding will depend on using device that may be 1 port or more)

Mapping Name	WAN Name	Internal Host	External Host	Enable
DVR1 TCP	1_TR069_INTERNET_R_VID_100	192.168.1.108	--	Enable

Type: User-defined Application

Application:

Enable Port Mapping:

Mapping Name:

WAN Name:

Internal Host:

External Source IP Address: --

Protocol: Internal port number: --

External port number: -- External source port number: --

Protocol: Internal port number: --

External port number: -- External source port number: --

Close DDNS setting at Router

1. Go to Application
2. Select DDNS Function
3. Click a check in front of Profile to delete
4. Press Delete

1. A pop up to confirm, press OK

The screenshot shows the router's web interface for DDNS configuration. A confirmation dialog box is open at the top, asking "Are you sure you want to delete the current DDNS settings?" with "OK" and "Cancel" buttons. The main page displays a table of DDNS profiles. The first profile, "1 TR069 INTERNET R VID 100", is selected, and its configuration details are shown below. The configuration includes fields for WAN Name, Domain Name, Service Provider, Host of the Service Provider, Service Port, User Name, Password, and Encryption Mode. Red circles and numbers 1-5 highlight key elements: 1. Application menu, 2. DDNS Function, 3. Checkmark in the profile table, 4. Delete button, and 5. OK button in the confirmation dialog.

WAN Name	Status	Service Provider	Domain Name
1 TR069 INTERNET R VID 100	Enable	dyndns	texestdns.dtn dns.com

DDNS Service Information:

Enable DDNS:

WAN Name: 1 TR069 INTERNET R VID 100

Domain Name: texestdns.dtn dns.com *(1-255 characters)

Service provider information:

Service Provider: dyndns

Host of the Service Provider: members.dyndns.org *(1-255 characters)

Service Port: 80 *(1-65535)

User Name: admin *(1-256 characters)

Password: ***** (0-256 characters)

Encryption Mode: BASE64

Buttons: Apply, Cancel

Close DDNS setting at DVR

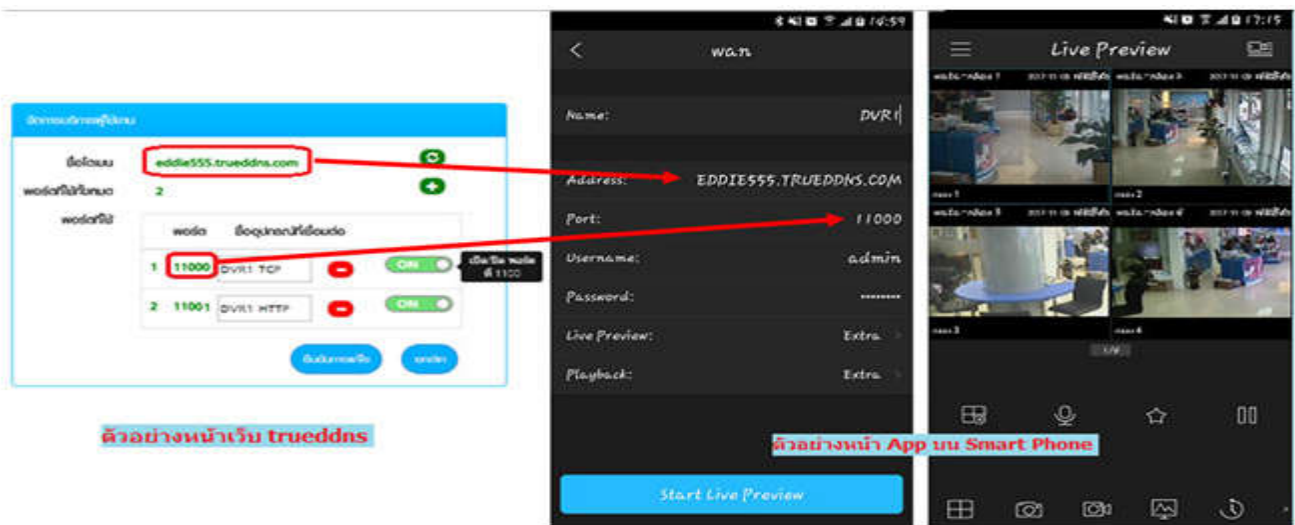
1. Go to Setting > DDNS

1. Remove a check then press Save



Test using through Mobile Internet or Internet that's different from home

Test using Camera App on Smart Phone by Domain created and port from True DDNS, if the setting is correct, you can see pictures from camera



Test using through Web : enter Domain name follow by Port numbers from True DDNS e.g. eddie555.trueddns.com:11001 , if the setting is correct, you can access camera's Web page

