

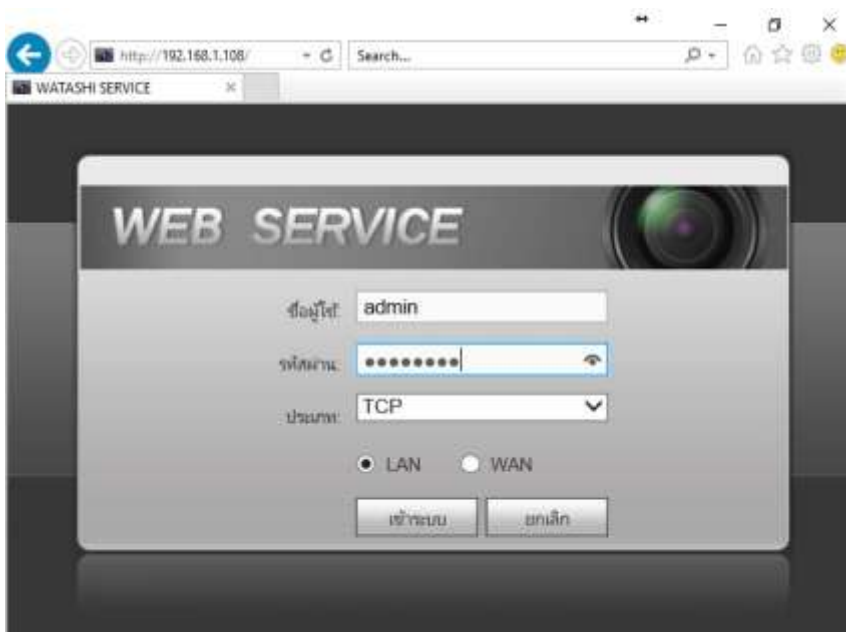
## Set up GCOM GN2000 to use TrueDDNS with CCTV

### 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**



1.1. Check IP Address, go to Setting > Network > TCP/IP > IP Address of DVR :  
192.168.1.108



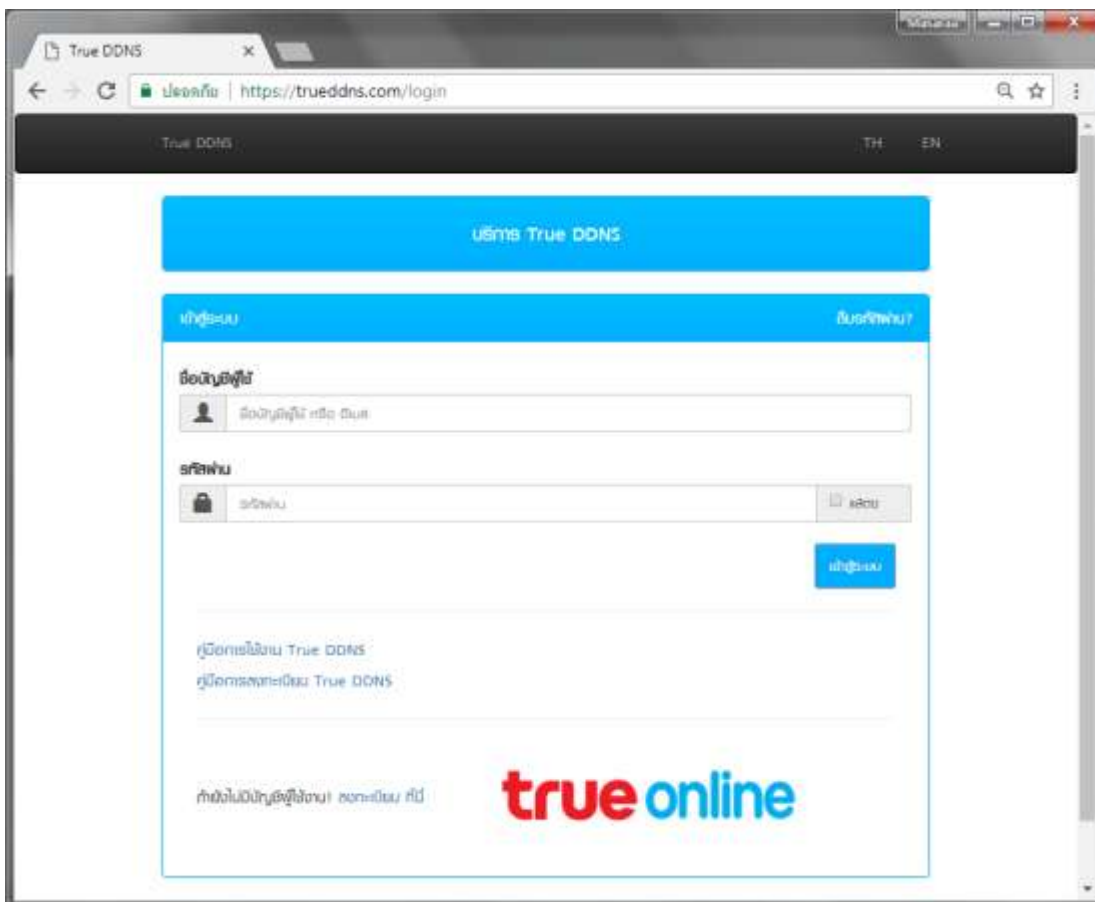
1.2. Check Port, go to Setting > Network > Connection, mostly used Port :

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



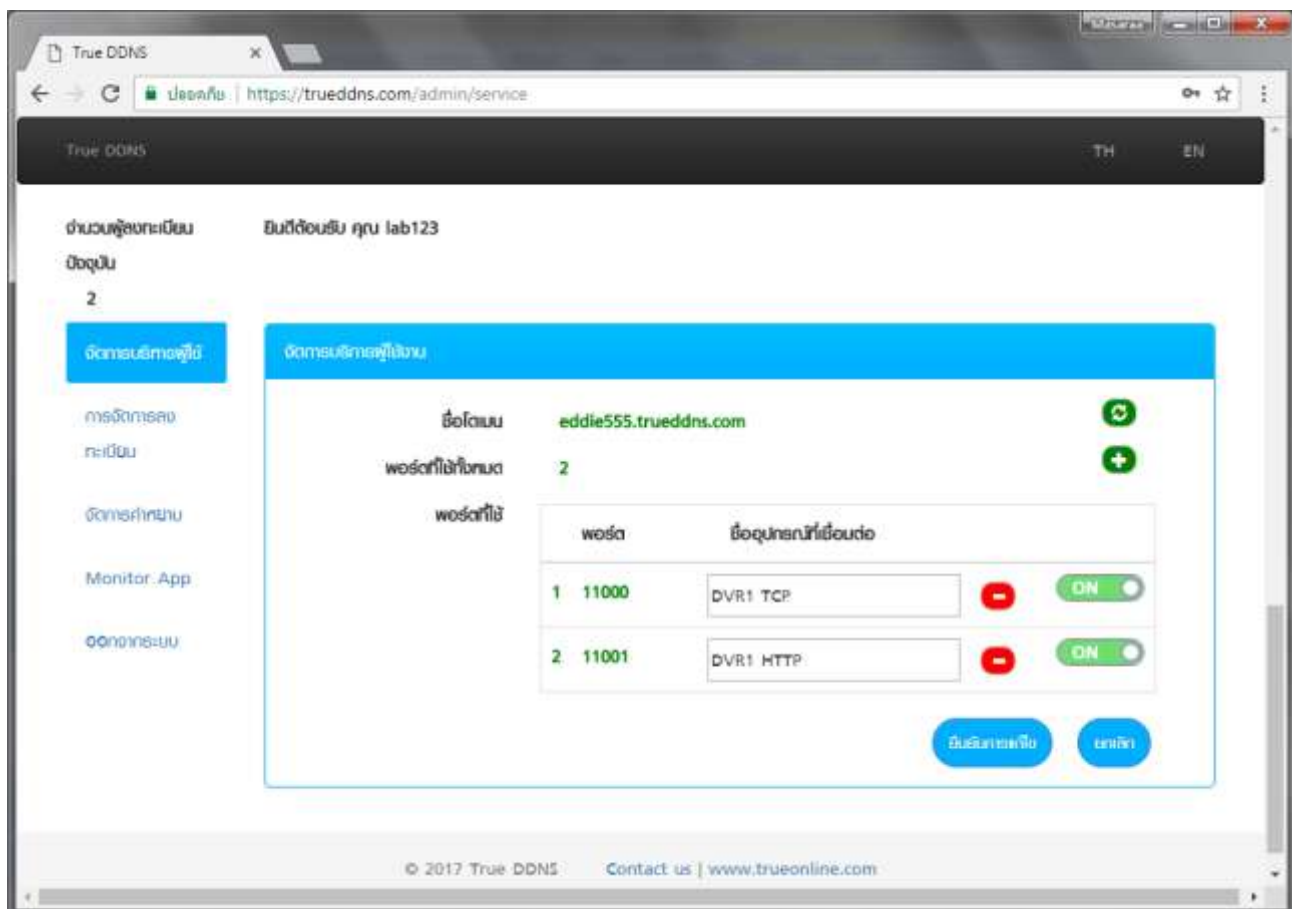
2. Type <https://trueddns.com/login> at Browser then press Enter

2.1. Login by using registered Username and password then press Log in



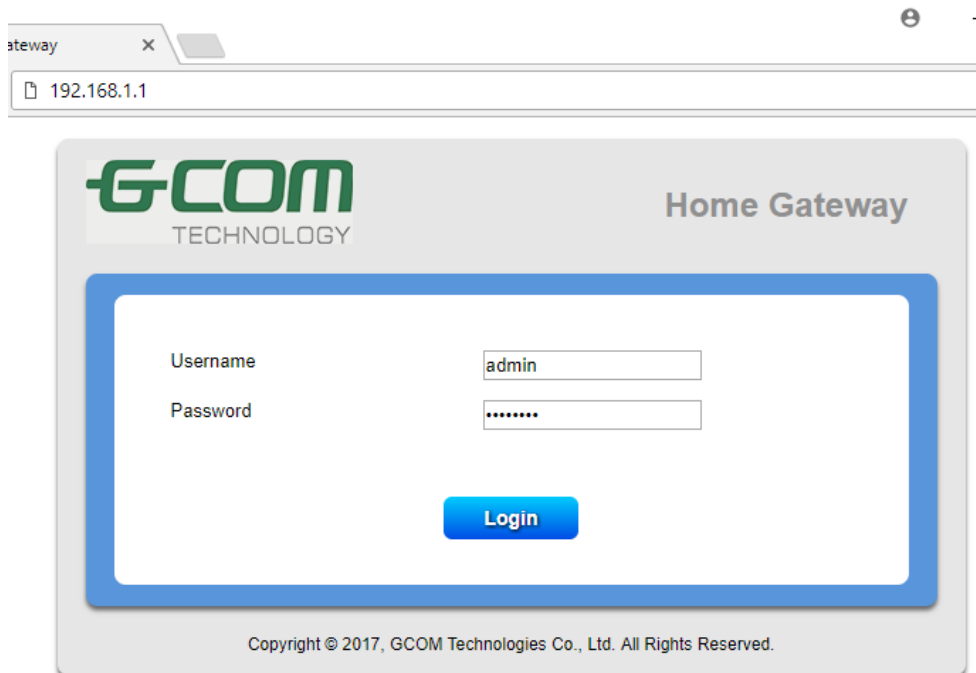
## 2.2. Select Service Management

- 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

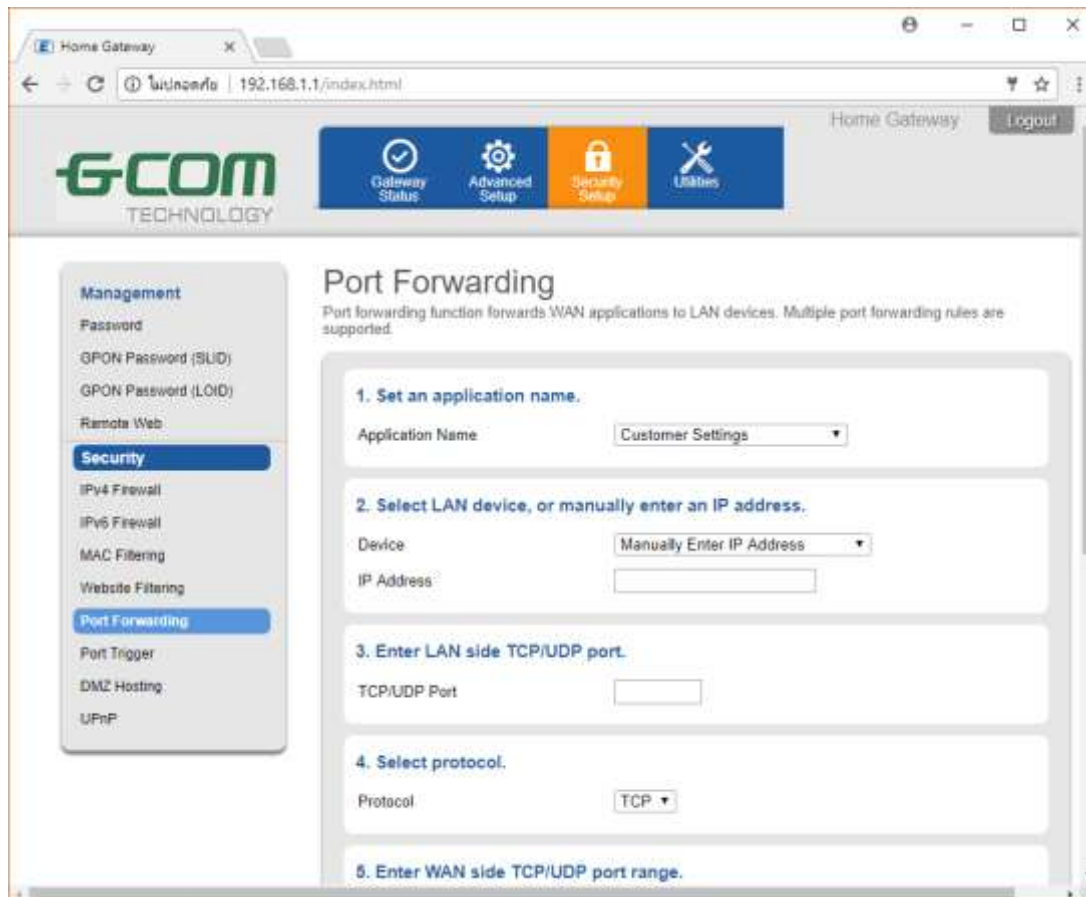


### 3. Set up Port Forward at Router

3.1. Type **192.168.1.1** > Username = **admin** > Password = **password**

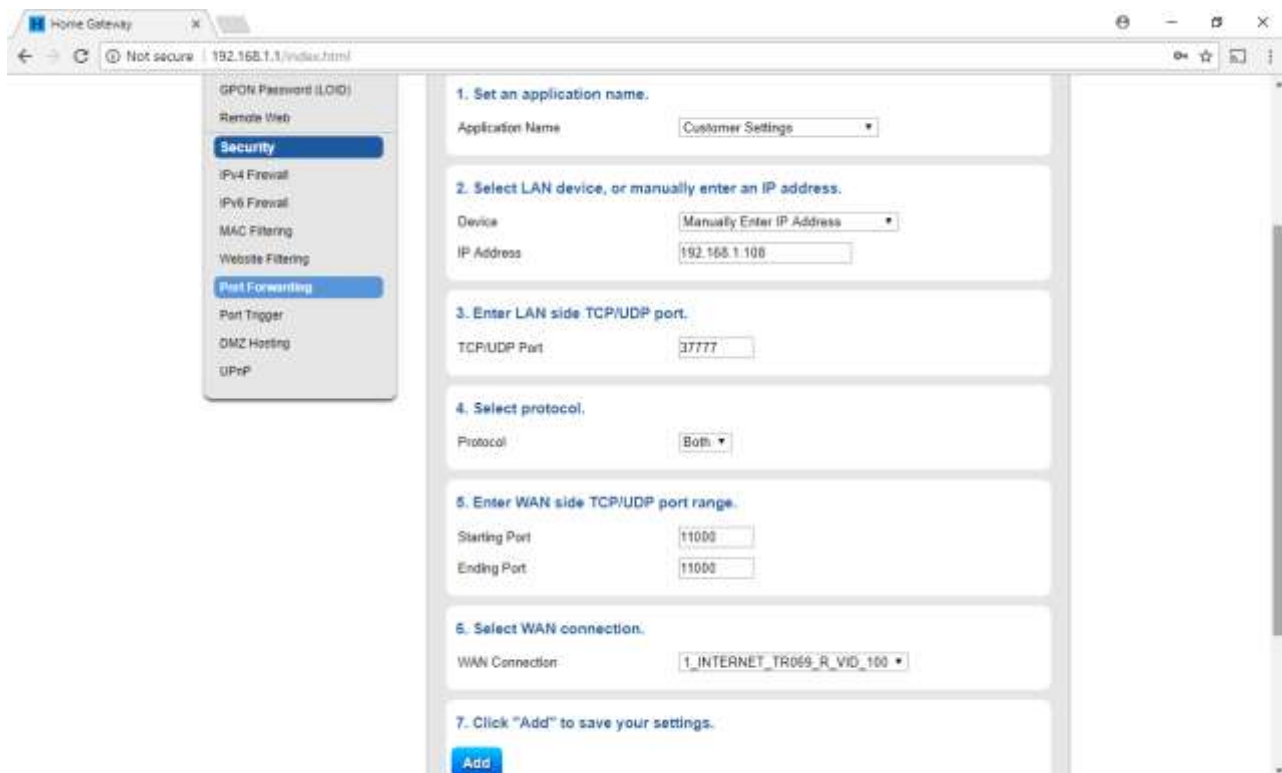


### 3.2. Security Setup > Security > Port Forwarding



### 3.3. Set up as follows:

- Application Name: select Customer Settings
- Device: choose device or enter IP Address Ex. IP Address 192.168.1.108
- TCP/UDP Port: enter Port number to forward Ex. 37777
- Protocol: choose Both
- Starting Port and Ending Port: enter Port received from True DDNS Ex.11000
- WAN Connection: choose 1\_INTERNET\_TR069\_INTERNET\_R\_VID\_100
- Press **Add**



The screenshot shows the 'Home Gateway' web interface in a browser window. The address bar shows '192.168.1.1/index.html'. A sidebar on the left contains navigation options: GPON Password (LOID), Remote Web, Security (highlighted), IPv4 Firewall, IPv6 Firewall, MAC Filtering, Website Filtering, Port Forwarding (highlighted), Port Trigger, DMZ Hosting, and UPnP. The main content area displays a 7-step configuration process for port forwarding:

- 1. Set an application name.** Application Name: Customer Settings
- 2. Select LAN device, or manually enter an IP address.** Device: Manually Enter IP Address, IP Address: 192.168.1.108
- 3. Enter LAN side TCP/UDP port.** TCP/UDP Port: 37777
- 4. Select protocol.** Protocol: Both
- 5. Enter WAN side TCP/UDP port range.** Starting Port: 11000, Ending Port: 11000
- 6. Select WAN connection.** WAN Connection: 1\_INTERNET\_TR069\_R\_VID\_100
- 7. Click "Add" to save your settings.** Add

### 3.4. Information will be shown in below table

The screenshot shows a web browser window with the address bar displaying "Home Gateway" and "192.168.1.1/index.html". The page content is as follows:

**4. Select protocol.**  
 Protocol:

**5. Enter WAN side TCP/UDP port range.**  
 Starting Port:   
 Ending Port:

**6. Select WAN connection.**  
 WAN Connection:

**7. Click "Add" to save your settings.**

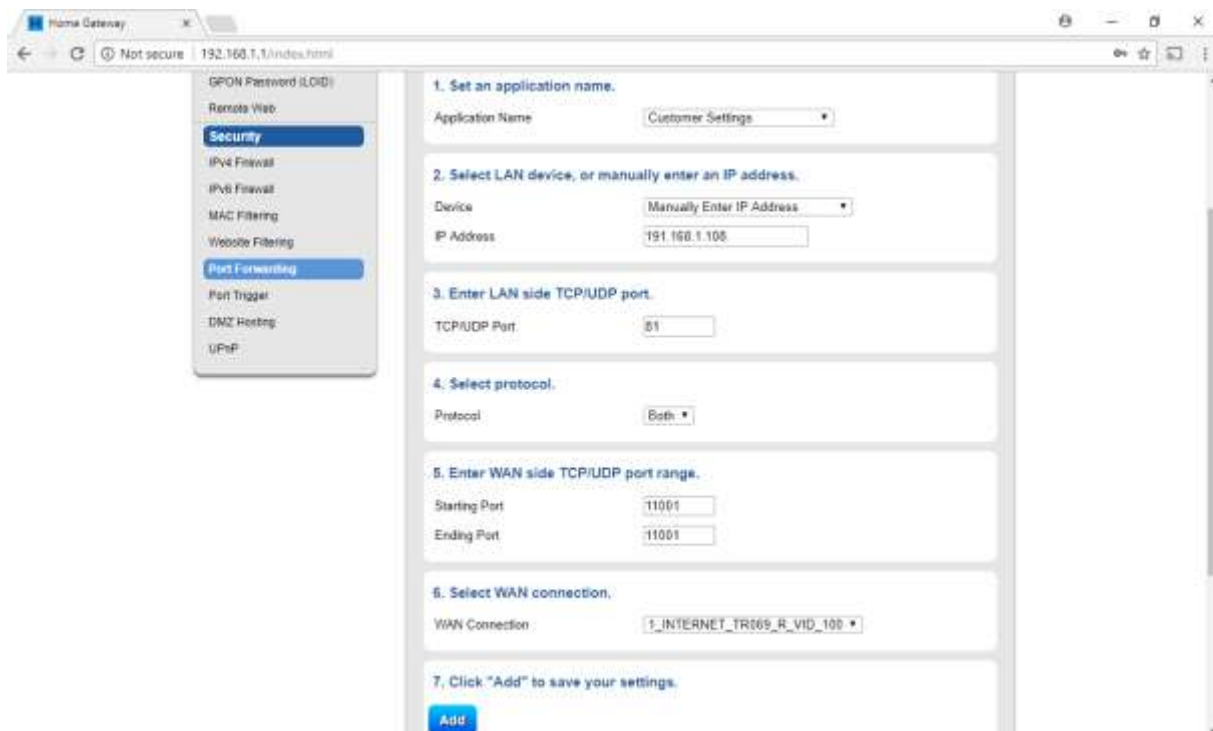
**Port Forwarding List**

Application Name	LAN IP	Protocol	LAN Port	WAN Port Range	Edit
Customer Settings	192.168.1.108	Both	3777	11000	<input type="button" value="Edit"/> <input type="button" value="Remove"/>

Copyright © 2017. GCOM Technologies Co., Ltd. All Rights Reserved

### 3.5. Set up HTTP Port

- Application Name: choose Customer Settings
- Device: choose device or enter IP Address Ex. IP Address 192.168.1.108
- TCP/UDP Port: enter Port number to forward Ex. 81
- Protocol: choose Both
- Starting Port and Ending Port: enter Port received from True DDNS Ex.11001
- WAN Connection: choose 1\_INTERNET\_TR069\_INTERNET\_R\_VID\_100
- Press **Add**

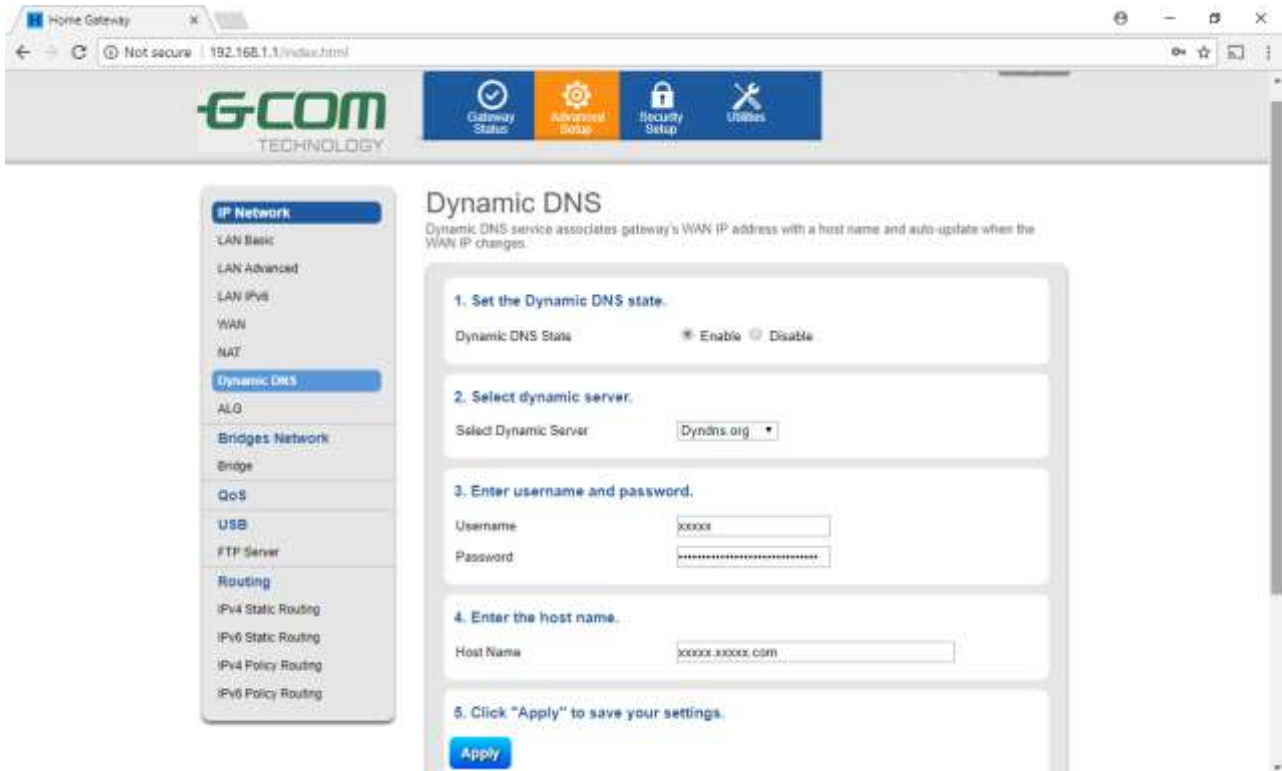


The screenshot shows the 'Port Forwarding' configuration page in a web browser. The browser address bar shows '192.168.1.1/index.html'. The sidebar menu includes: GPON Password (LOID), Remote Web, Security, IPv4 Firewall, IPv6 Firewall, MAC Filtering, Website Filtering, Port Forwarding (highlighted), Port Trigger, DMZ Hosting, and UPnP. The main configuration area consists of the following steps:

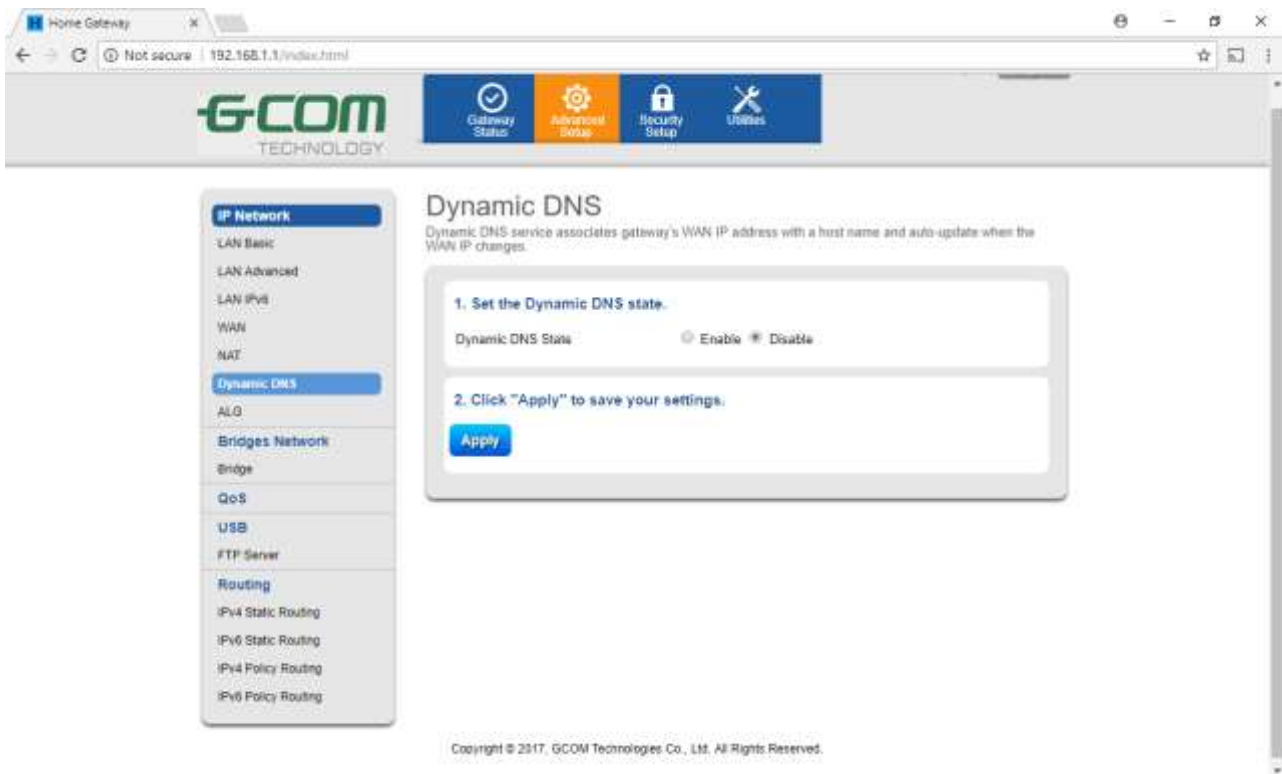
- 1. Set an application name.** Application Name: Customer Settings
- 2. Select LAN device, or manually enter an IP address.** Device: Manually Enter IP Address, IP Address: 191.168.1.108
- 3. Enter LAN side TCP/UDP port.** TCP/UDP Port: 81
- 4. Select protocol.** Protocol: Both
- 5. Enter WAN side TCP/UDP port range.** Starting Port: 11001, Ending Port: 11001
- 6. Select WAN connection.** WAN Connection: 1\_INTERNET\_TR069\_R\_VID\_100
- 7. Click "Add" to save your settings.** Add

#### 4. Close DDNS at Router

##### 4.1. Advanced Setup > IP Network > Dynamic DNS



##### 4.2. Select Disable > Apply



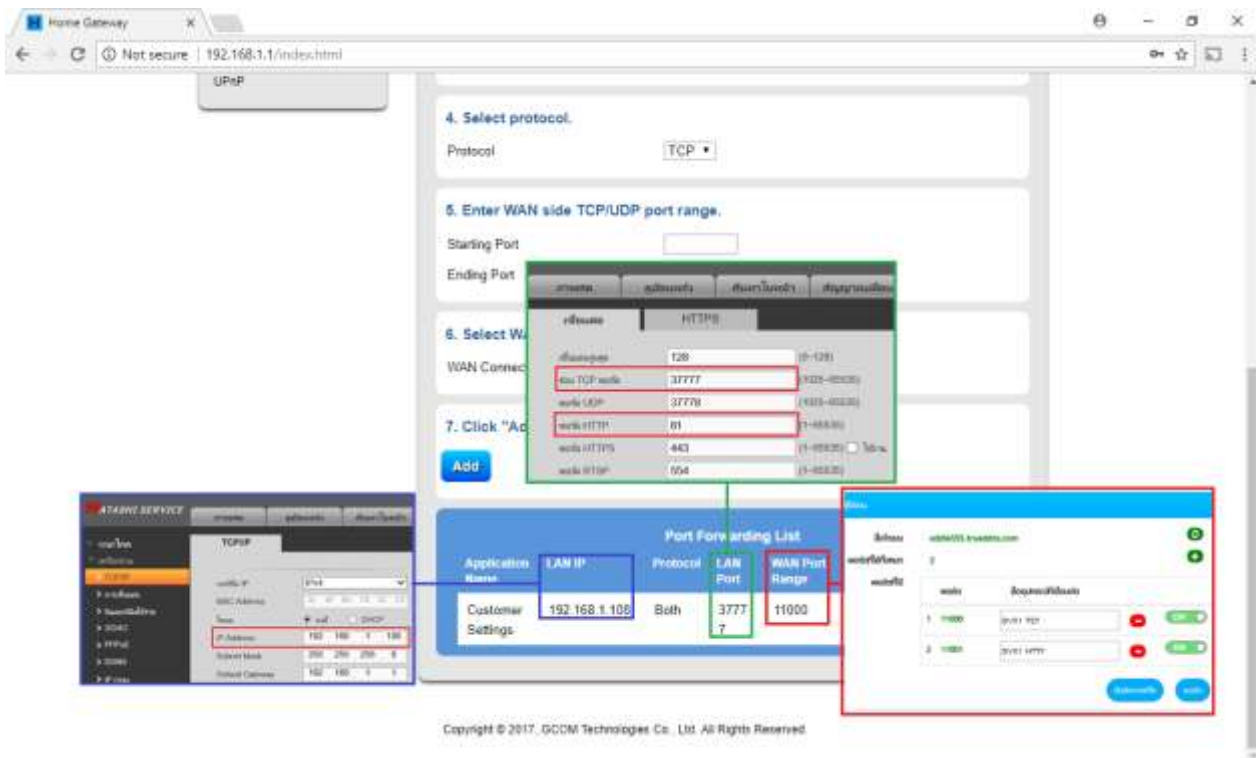


## 5. Close DDNS setting at DVR

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

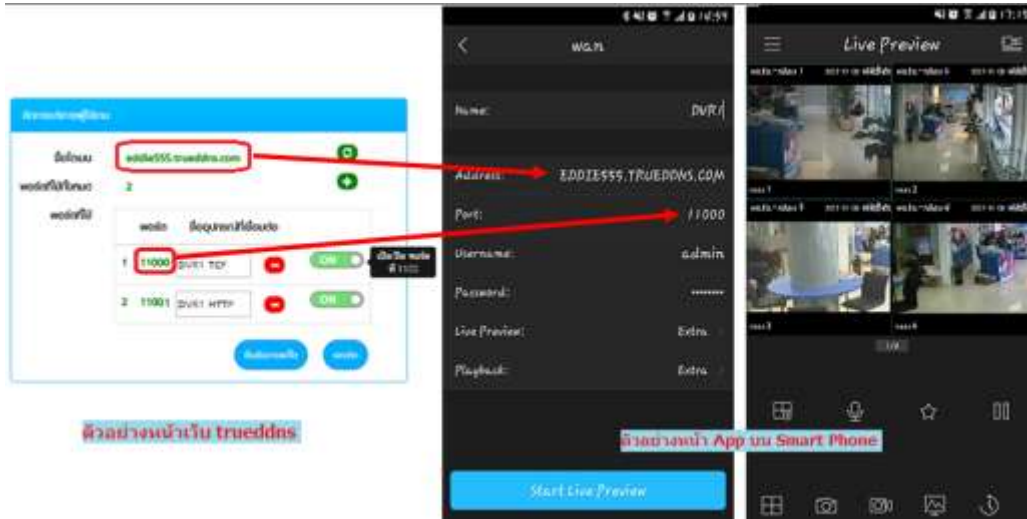


## 6. Overall settings



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

- Test CCTV App on Smart Phone: enter Domain name and Port numbers from TrueDDNS , if the setting is correct, you'll see pictures from camera



- Test the usage via Web: enter Domain name : Port number from TrueDDNS Ex. eddie555.trueddns.com:11001 , if the setting is correct, you can access CCTV Web page

