

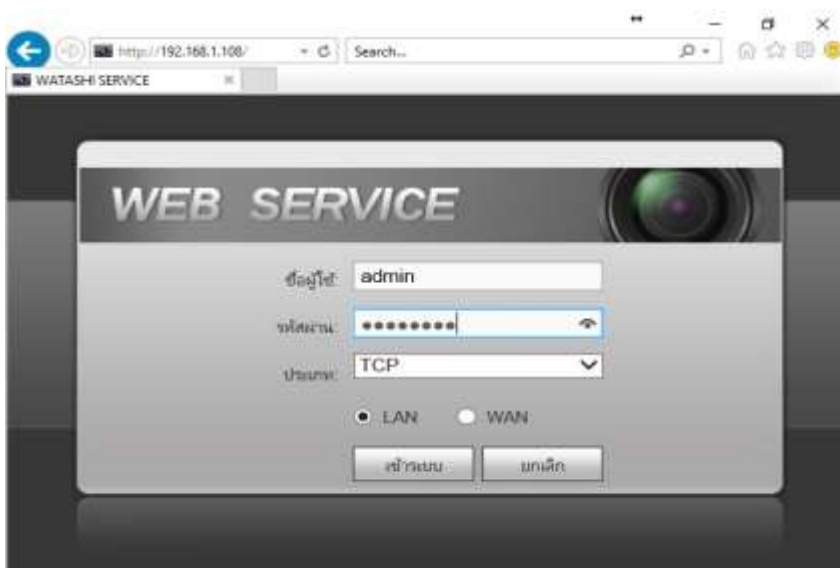
## How to fix problem D-Link DIR-842 to use True DDNS with CCTV (in case main Router is Bridge Mode)

### 1. Check IP Address and Port of CCTV for setting Port forwarding at Router

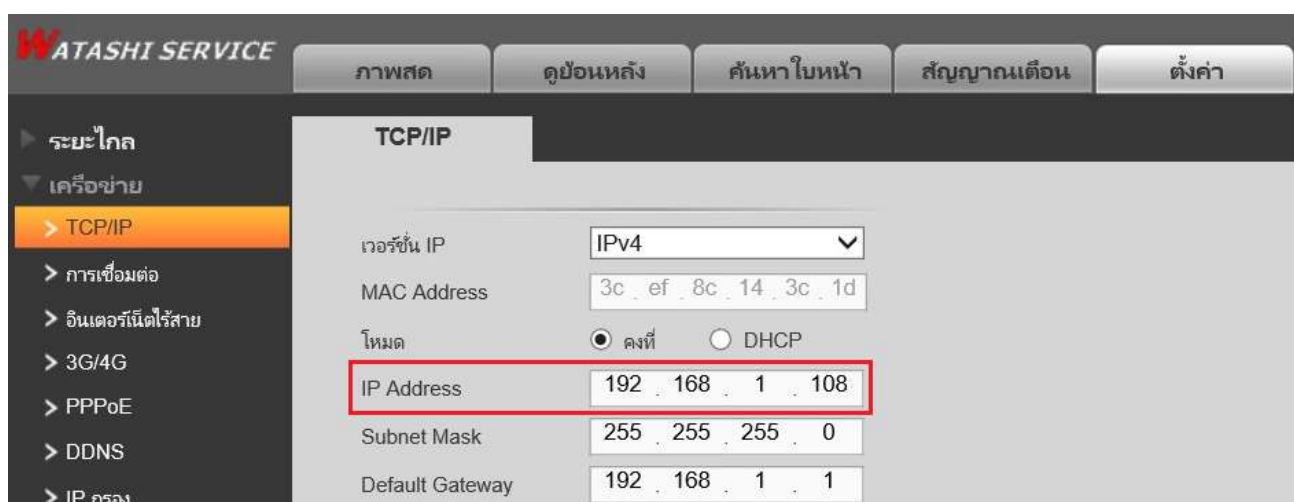
#### 1.1. Check the settings at DVR that used to record from all cameras in house (example: Watashi CCTV)

- Type IP Address of DVR at the Browser ex: 192.168.1.108 then press Enter
- 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



#### 1.2. To check IP Address , select **Setting > Network > TCP/IP**: DVR IP Address is **192.168.1.108**



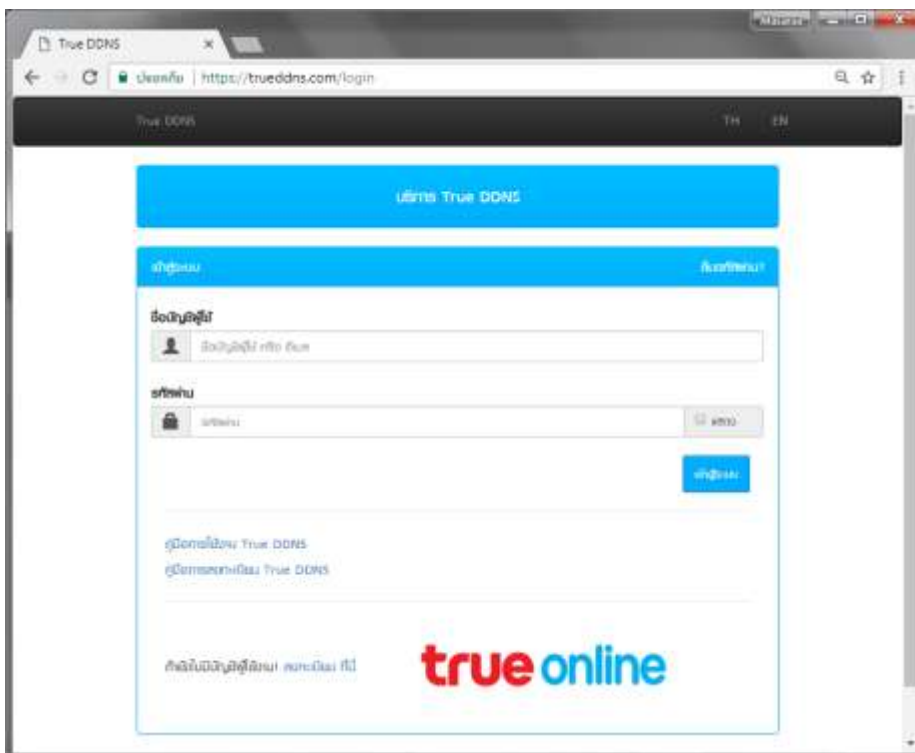
1.3. To check **Port**, select **Setting > Network > Connection** : most used Port is

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



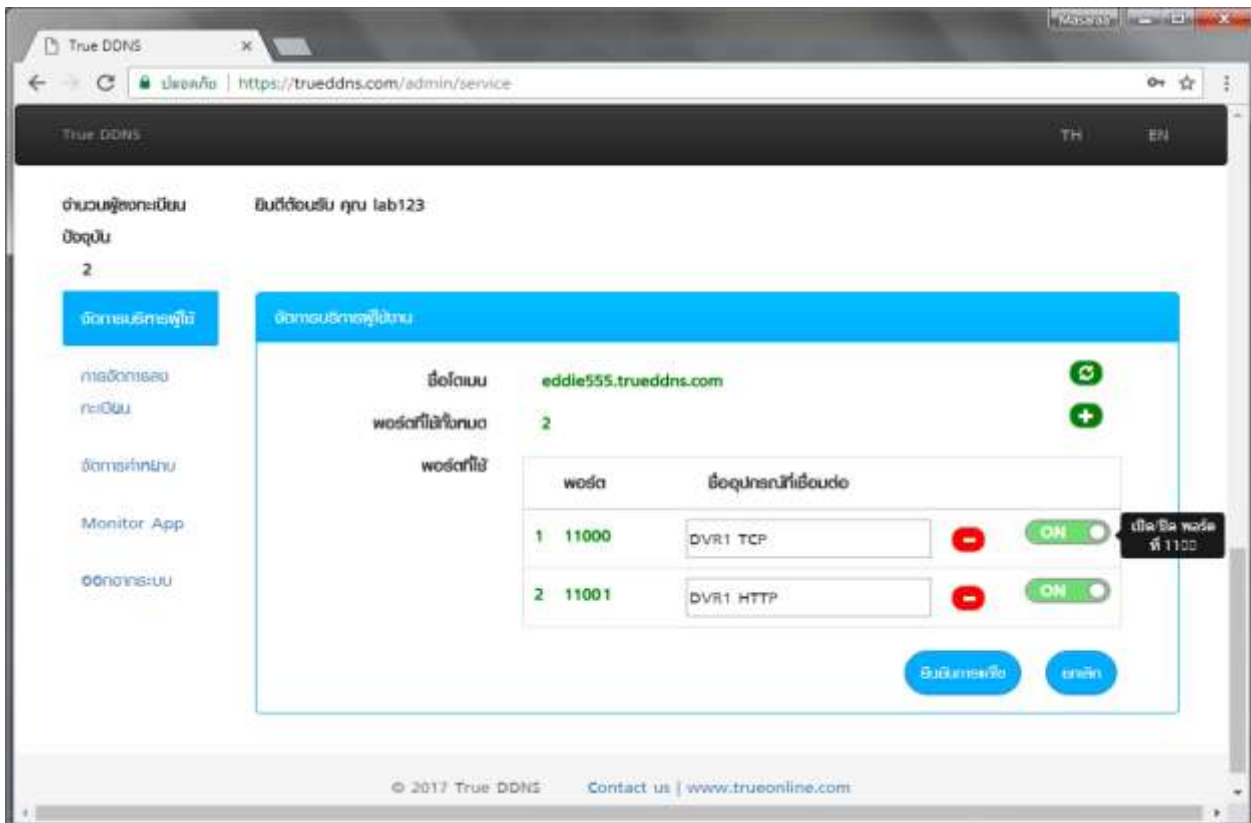
2. Go to True DDNS web to set up

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



## 2.1. Select Service Management

- Pairing Port to be align with DVR
- Port 11000 : enter TCP to be the same as TCP Port of DVR , click behind button to turn it ON
- Port 11001 : enter HTTP to be the same as HTTP Port of DVR , click behind button to turn it ON
- Press Confirm



3. Enter Port numbers obtained from True DDNS to replace old port numbers of DVR > press Save



#### 4. Set up Port Forwarding at Router

4.1. type **192.168.0.1** > Password = **leave it blank** > press **Log In**



#### 4.2. Features > Port Forwarding



### Internet Disconnected

Click on any item in the diagram for more information.

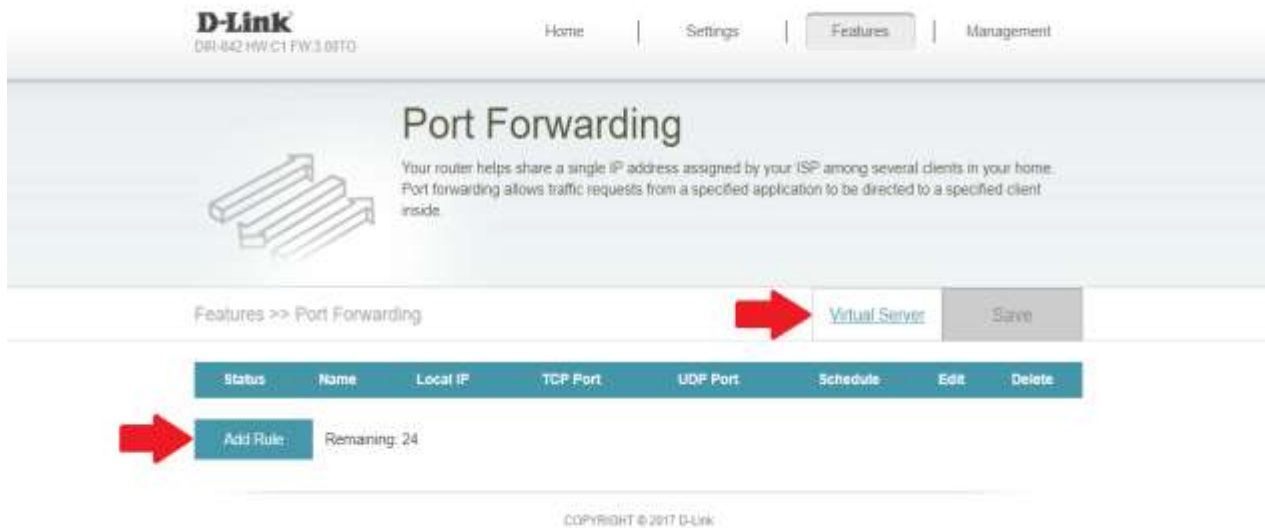


### Internet

<b>Cable Status:</b>	Disconnected	<b>MAC Address:</b>	40:9B:CD:34:34:E6
<b>Connection Type:</b>	Dynamic IP (PPPoE)	<b>IP Address:</b>	Not Available
<b>Network Status:</b>	Disconnected	<b>Subnet Mask:</b>	Not Available
<b>Connection Uptime:</b>	0 Day 0 Hour 0 Min 0 Sec	<b>Default Gateway:</b>	Not Available
		<b>Primary DNS Server:</b>	Not Available
		<b>Secondary DNS Server:</b>	Not Available

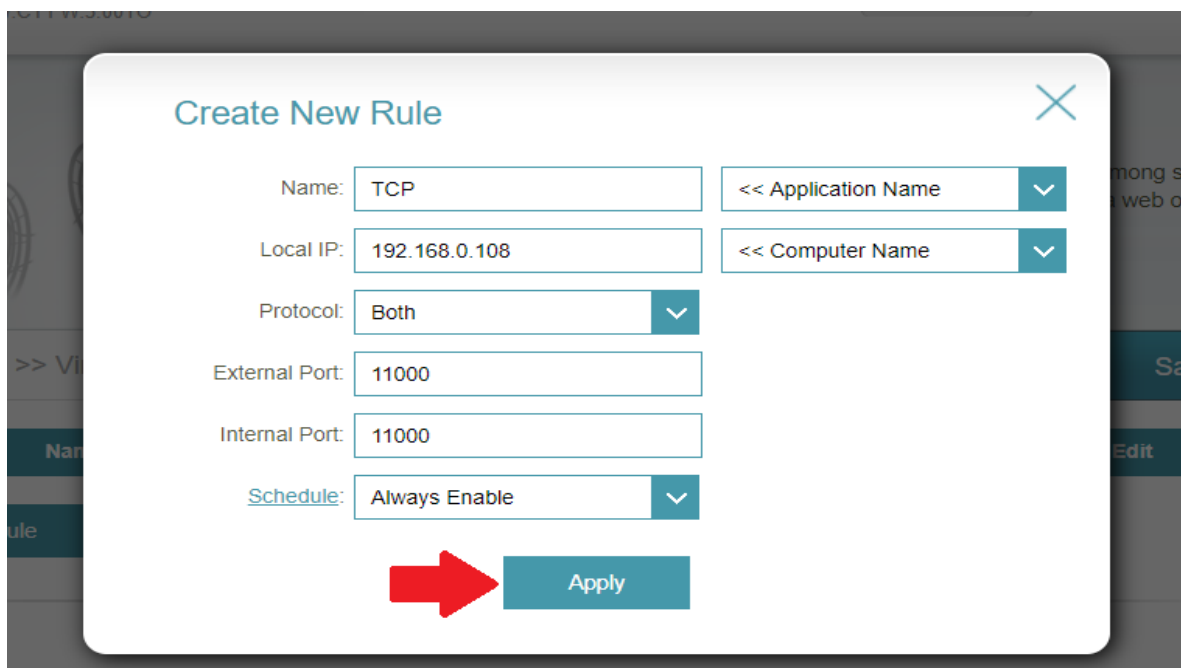
[Go to settings](#) →

### 4.3. Select **Virtual Server** > **Add Rule**



### 4.4. Set up as follows:

- Name : enter name as desired ex. TCP
- Local IP : enter IP Address of device to Forward Port
- Protocol : select Both
- External Port : enter Port numbers obtained from True DDNS ex. **11000**
- Internal Port : enter Port numbers set at CCTV ex. **11000**
- Schedule : select Always Enable
- Press Apply

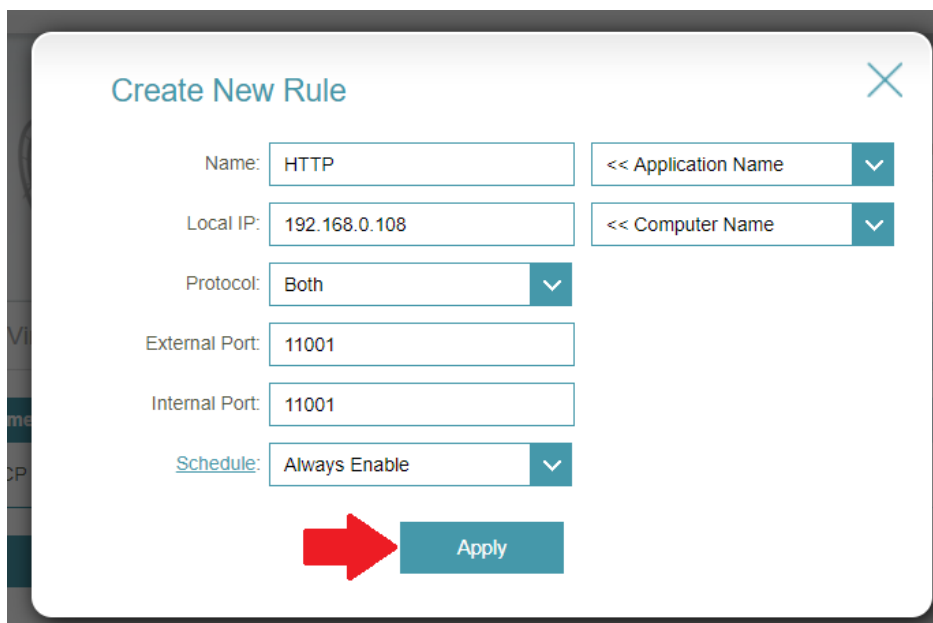


#### 4.5. After pressing Apply, information will be shown in table, press **Add Rule**



#### 4.6. Set up **HTTP** port

- Name : enter name as desired ex. HTTP
- Local IP : enter IP Address of device to Forward Port
- Protocol : select Both
- External Port : enter Port numbers obtained from True DDNS ex. **11001**
- Internal Port : enter Port numbers set at CCTV ex. **11001**
- Schedule : select Always Enable
- press Apply



#### 4.7. Press Save

D-Link DR-342 HW v1 FW 3.0010 Home Settings Features Management

### Virtual Server

Your router helps share a single IP address assigned by your Internet service provider among several clients in your home. Virtual servers are preset port mappings for popular services, like a web or e-mail server, that route traffic to a specified client inside.

Features >> Virtual Server Port Forwarding **Save**

Status	Name	Local IP	Protocol	External Port	Internal Port	Schedule	Edit	Delete
<input checked="" type="checkbox"/>	TCP	192.168.0.108	Both	11000	11000	Always Enable		
<input checked="" type="checkbox"/>	HTTP	192.168.0.108	Both	11001	11001	Always Enable		

**Add Rule** Remaining: 22

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#### 4.8. System is saving

D-Link DR-342 HW v1 FW 3.0010 Home Settings Features Management

### Virtual Server

Your router helps share a single IP address assigned by your Internet service provider among several clients in your home. Virtual servers are preset port mappings for popular services, like a web or e-mail server, that route traffic to a specified client inside.

Features >> Virtual Server Port Forwarding **Save**

Your changes are being saved.

Status	Name	Local IP	Protocol	External Port	Internal Port	Schedule	Edit	Delete
<input checked="" type="checkbox"/>	TCP	192.168.0.108	Both	11000	11000	Always Enable		
<input checked="" type="checkbox"/>	HTTP	192.168.0.108	Both	11001	11001	Always Enable		

**Add Rule** Remaining: 22

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## 5. Close DDNS setting at Router :

### 5.1. Features > Dynamic DNS

The screenshot shows the D-Link router's web interface. At the top, there are navigation tabs: Home, Settings, Features, and Management. A red arrow points to the 'Features' tab. Below the navigation, a red circle and the text 'Internet Disconnected' are displayed. A diagram shows a connection between 'Internet' and 'DIR-842' with a red 'X' and a 'Click to repair' button. A dropdown menu is open, showing various features, with 'Dynamic DNS' highlighted in blue and a red arrow pointing to it. Below the menu, the 'Internet' status is detailed:

		IPv4 / IPv6	
Cable Status:	Disconnected	MAC Address:	40:9B:CD:34:34:E6
Connection Type:	Dynamic IP (PPPoE)	IP Address:	Not Available
Network Status:	Disconnected	Subnet Mask:	Not Available
Connection Uptime:	0 Day 0 Hour 0 Min 0 Sec	Default Gateway:	Not Available
		Primary DNS Server:	Not Available
		Secondary DNS Server:	Not Available

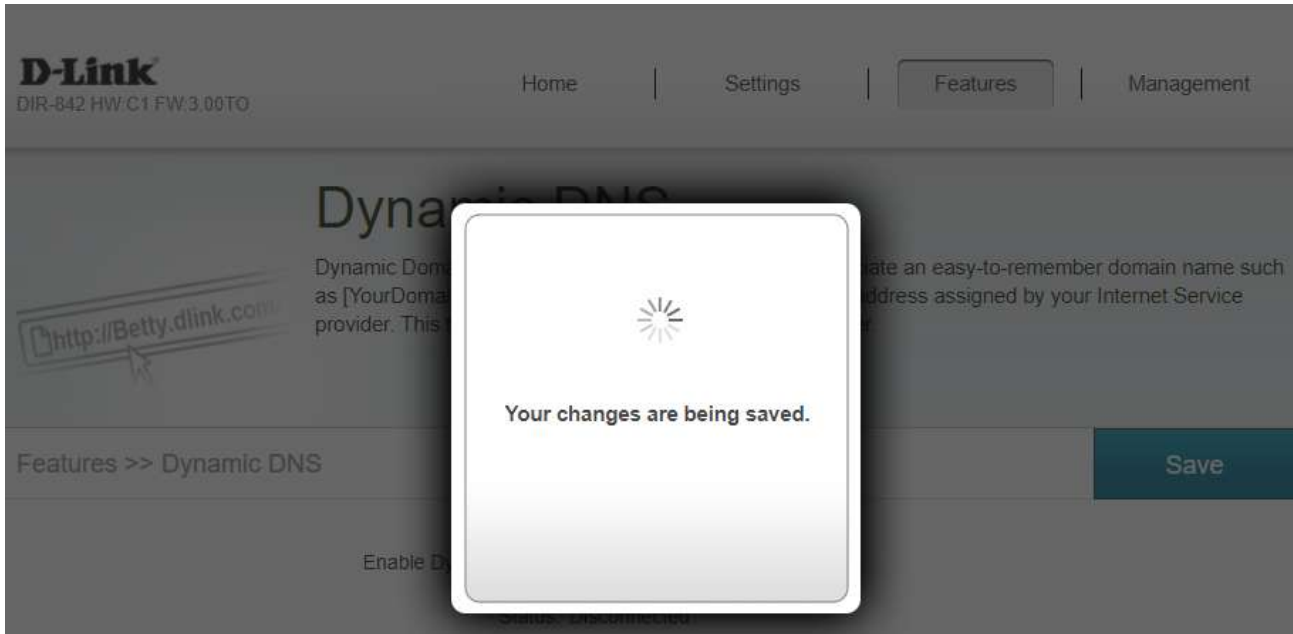
A 'Go to settings' link is visible at the bottom right of the status section.

### 5.2. Select Disable > Save

The screenshot shows the 'Dynamic DNS' configuration page. The title 'Dynamic DNS' is prominent. Below it, a brief description explains the service. A 'Save' button is highlighted with a red arrow. The 'Enable Dynamic DNS' option is set to 'Disabled', also indicated by a red arrow. The status is shown as 'Disconnected'.



### 5.3. Wait a moment



6. Close DDNS setting at DVR : go to **Setting > DDNS** > remove a check mark then press **Save**



## 7. Overall Settings

**D-Link**  
DIR-842 HW:C1 FW:3.00T0

Home | Settings | **Features** | Management

Features >> Virtual Server

ชื่อโดเมน eddie555.trueddns.com

พอร์ทัลเว็บไซต์ 2

พอร์ทัลเว็บไซต์

พอร์ทัล	ชื่อพอร์ทัลเว็บไซต์	สถานะ
1 11000	DVR1 TCP	ON
2 11001	DVR1 HTTP	ON

ปุ่ม: ปิดการแจ้งเตือน, ยกเลิก

net service provider among several popular services, like a web or e-mail

Port Forwarding Save

Status	Name	Local IP	Protocol	External Port	Internal Port	Schedule	Edit	Delete
<input checked="" type="checkbox"/>	TCP	192.168.0.108	Both	11000	11000	Always Enable		
<input checked="" type="checkbox"/>	HTTP	192.168.0.108	Both	11001	11001	Always Enable		

**ATASHI SERVICE**

การตั้งค่า TCP/IP

หมายเลข IP IPv4

MAC Address 3c:af:00:14:3c:10

โหมด DHCP

IP Address 192.168.0.108

Subnet Mask 255.255.255.0

Default Gateway 192.168.0.1

**ATASHI SERVICE**

การตั้งค่า HTTPS

หมายเลขพอร์ต

พอร์ต TCP หรือ 37777 (1025-65535)

พอร์ต UDP 37778 (1025-65535)

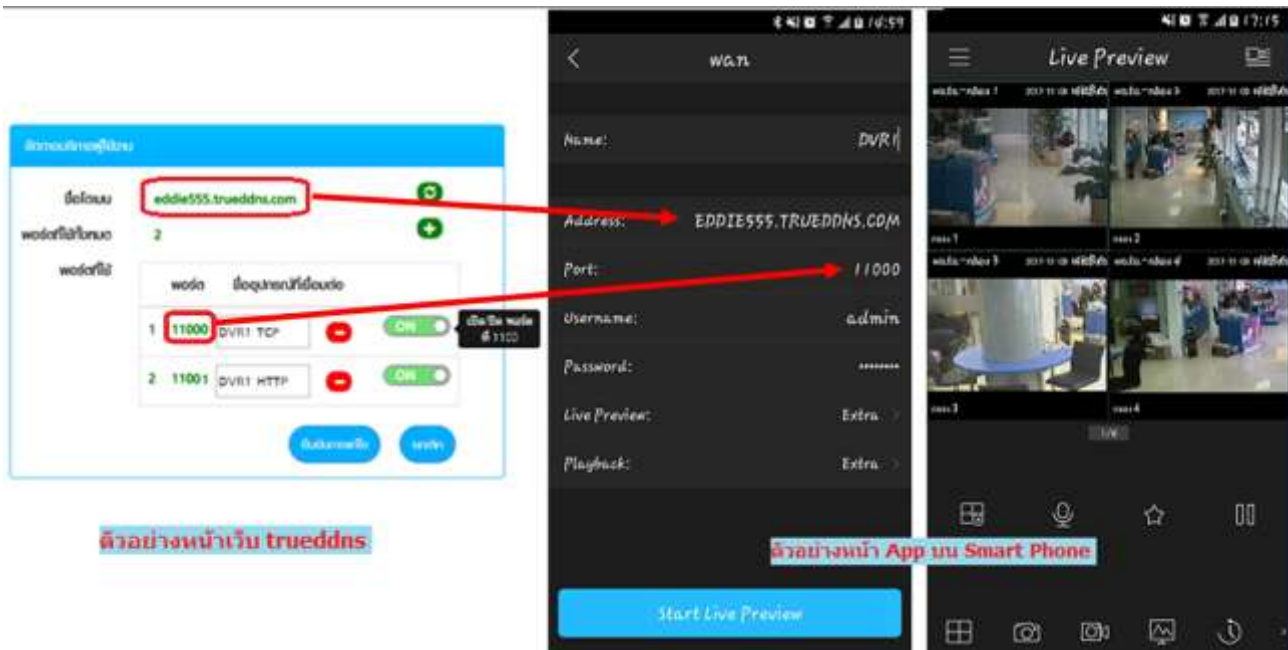
พอร์ต HTTP 81 (1-65535)

พอร์ต HTTPS 443 (1-65535)  ปิด

พอร์ต RTSP 554 (1-65535)

8. Test using through **Mobile Internet** or **Internet at different place from home**

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



8.2. 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 Web page of camera

