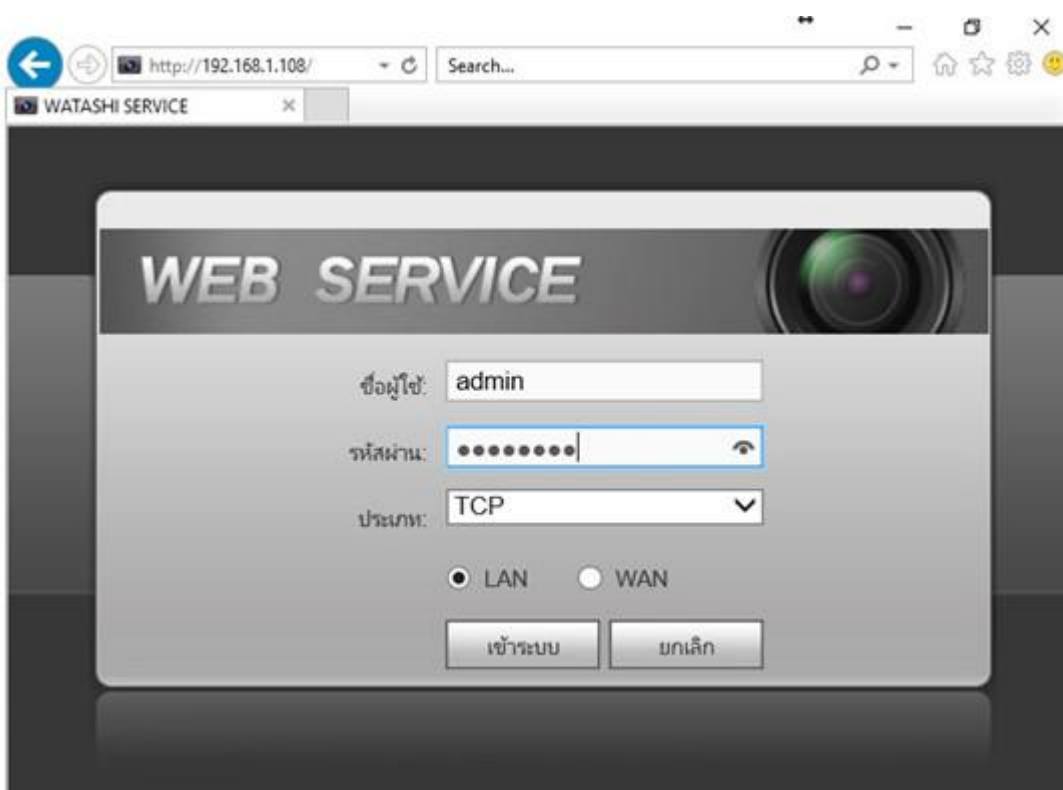


How to fix Problem when configure ZTE F688 to use True DDNS with CCTV

Check IP Address and Port of CCTV to forward Port at Router

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

- Type IP Address of DVR at Browser ex. 192.168.1.108 then press Enter, it'll lead to Login page
- Enter Username and password of DVR then press Log in
- in case you don't know IP Address, Username and password of DVR, ask the technician who installs DVR



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



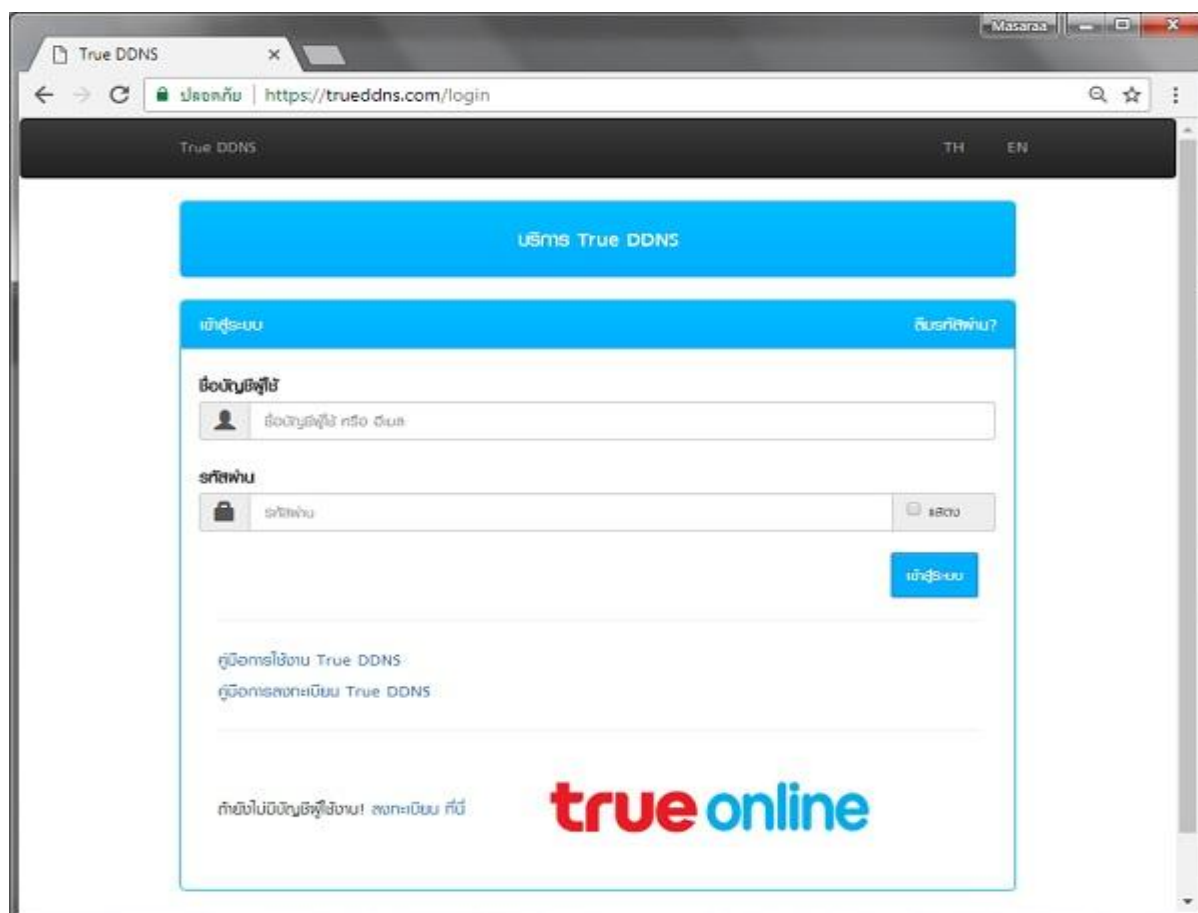
3. Check Port, go to Setting > Network > Connection, mostly used Ports:

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



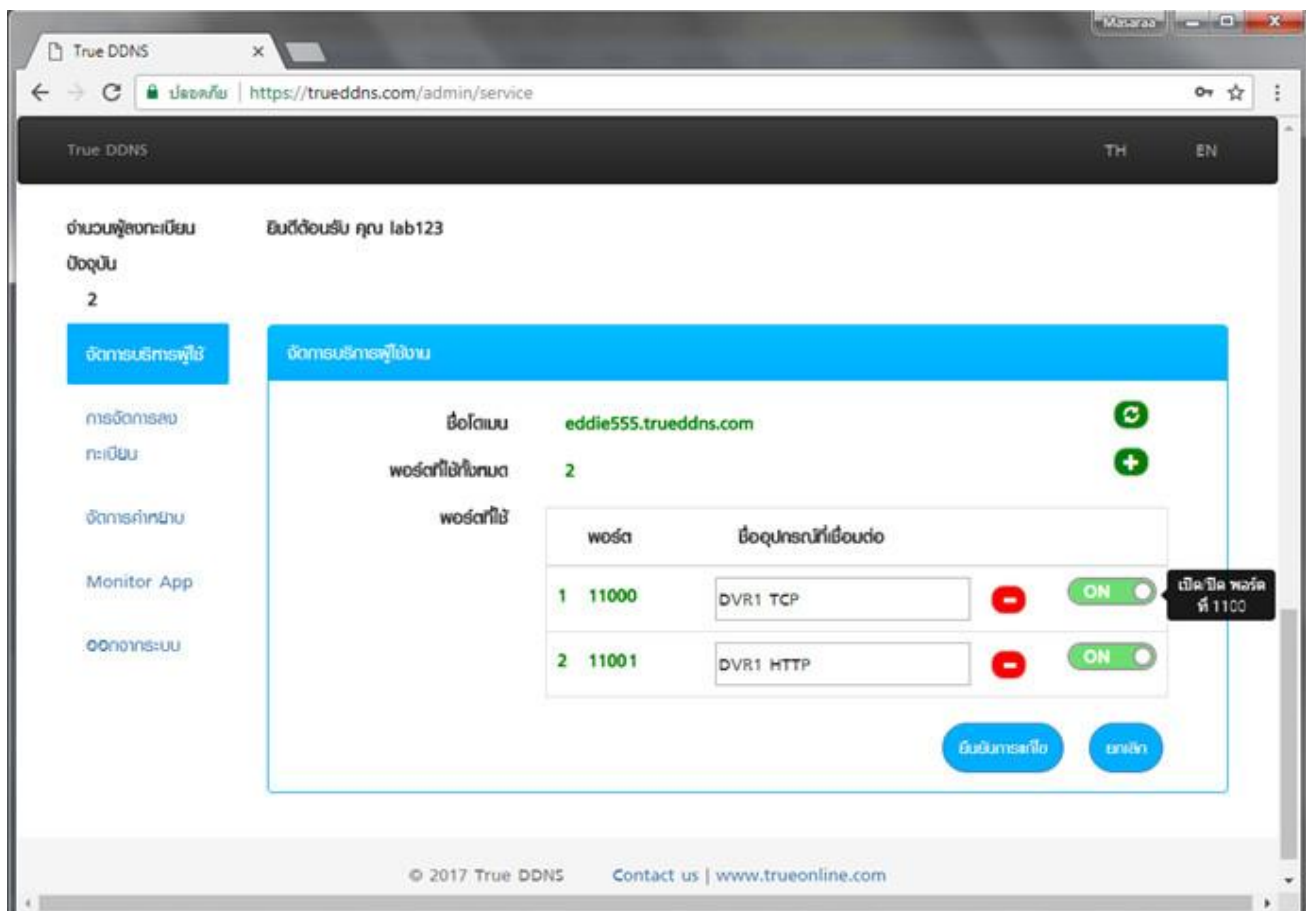
Set up TrueDDNS

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



2. Select Service Management for Pairing Port to align with DVR

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

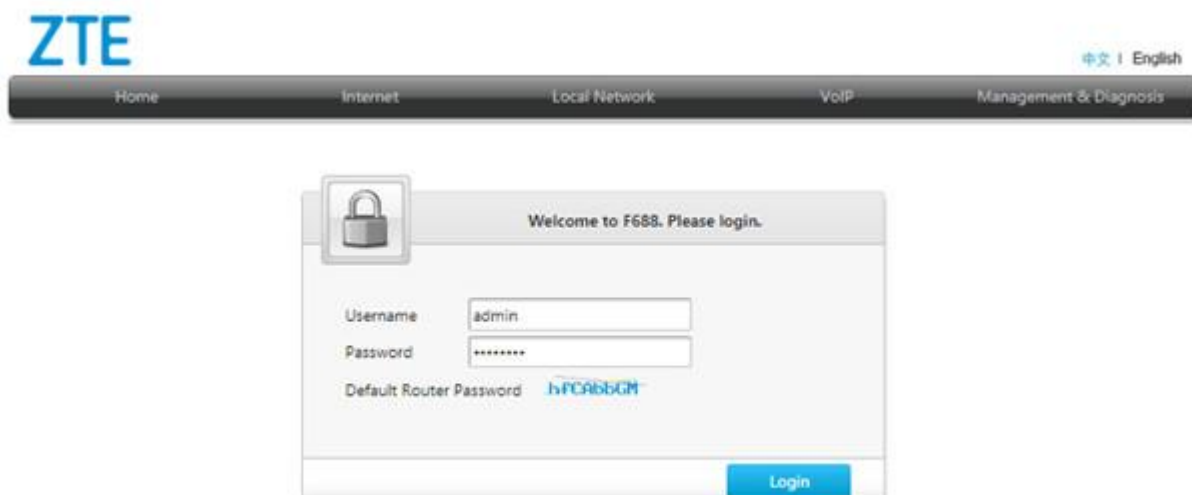


3. Enter Port number received from TrueDDNS to replace old Port number of DVR and press Save



Forward Port at Router

1. Type 192.168.1.1 , enter Username = admin / Password = letters as shown below then press Login



2. Go to Internet > Security > Port Forwarding

The image displays two screenshots of the ZTE web management interface, illustrating the navigation path to the Port Forwarding configuration page.

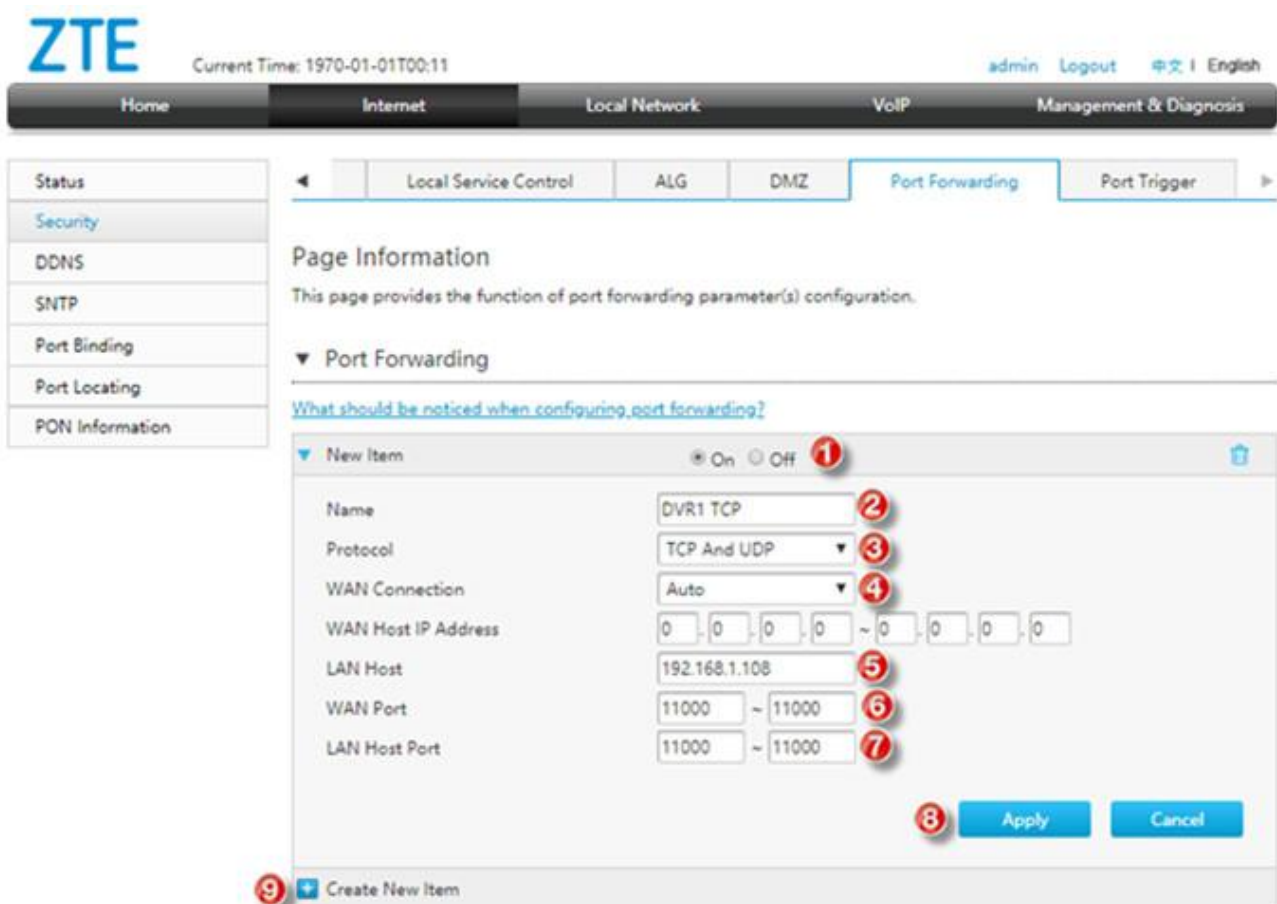
Top Screenshot: The interface shows the 'Internet' menu (marked with a red circle '1') and the 'Security' menu (marked with a red circle '2'). The 'Port Forwarding' option is visible in the top right corner of the navigation bar, marked with a red circle '3'. A red dashed arrow points from the 'Security' menu towards the 'Port Forwarding' option.

Bottom Screenshot: The interface shows the 'Port Forwarding' menu (marked with a red circle '4') selected in the navigation bar. The page information indicates that this page provides the function of port forwarding parameter(s) configuration.

3. At Port Forwarding Virtual Server:

3.1. View via App on Smart Phone

- New Item : select On to enable this Profile
- Name : name the Profile e.g. “DVR1 TCP”
- Protocol : select protocol per usage, if do not sure, choose TCP And UDP
- WAN Connection : select Auto
- LAN Host : enter 192.168.1.108
- WAN Port : enter 11000
- LAN Host Port : enter 11000
- Once finished, press Apply
- To add Port Forwarding, press Create New Item



3.2. View via Web Browser

- New Item : select On to enable this Profile
- Name : name the Profile e.g. “DVR1 HTTP”
- Protocol : select protocol, if do not sure, choose TCP And UDP
- WAN Connection : select Auto
- LAN Host : 192.168.1.108
- WAN Port : 11001
- LAN Host Port : 11001
- Once finished, press Apply

The screenshot shows the ZTE web interface for configuring port forwarding. The top navigation bar includes 'Home', 'Internet', 'Local Network', 'VoIP', and 'Management & Diagnosis'. The 'Port Forwarding' tab is selected. The configuration page is titled 'Page Information' and 'Port Forwarding'. A table shows the configuration for 'DVR1 TCP' and 'New Item'. The 'New Item' configuration is as follows:

Field	Value
Name	DVR1 HTTP
Protocol	TCP And UDP
WAN Connection	Auto
WAN Host IP Address	0.0.0.0 ~ 0.0.0.0
LAN Host	192.168.1.108
WAN Port	11001 ~ 11001
LAN Host Port	11001 ~ 11001

Red numbered callouts (1-8) highlight the following elements: 1. 'New Item' toggle (Off), 2. Name field, 3. Protocol dropdown, 4. WAN Connection dropdown, 5. LAN Host field, 6. WAN Port field, 7. LAN Host Port field, 8. 'Apply' button.

4. After setting, setup data will be shown in below table

remarks: number of Port to forward will depend on device, may be 1 port or more

▼ Port Forwarding

[What should be noticed when configuring port forwarding?](#)

▼ DVR1 TCP		● On ○ Off		🗑️	
Name	DVR1 TCP				
Protocol	TCP And UDP ▼				
WAN Connection	Auto ▼				
WAN Host IP Address	0 . 0 . 0 . 0 ~ 0 . 0 . 0 . 0				
LAN Host	192.168.1.108				
WAN Port	11000 ~ 11000				
LAN Host Port	11000 ~ 11000				
		Apply		Cancel	
▼ DVR1 HTTP		● On ○ Off		🗑️	
Name	DVR1 HTTP				
Protocol	TCP And UDP ▼				
WAN Connection	Auto ▼				
WAN Host IP Address	0 . 0 . 0 . 0 ~ 0 . 0 . 0 . 0				
LAN Host	192.168.1.108				
WAN Port	11001 ~ 11001				
LAN Host Port	11001 ~ 11001				
		Apply		Cancel	
+ Create New Item					

Close DDNS setting at Router

1. Go to Internet
2. Click DDNS
3. At DDNS, select Off

1. Press Apply

The screenshot shows the ZTE router's web interface. At the top left is the ZTE logo. The current time is 1970-01-01T00:24. On the top right, there are links for 'admin', 'Logout', and language options '中文' and 'English'. A navigation bar below contains 'Home', 'Internet', 'Local Network', 'VoIP', and 'Management & Diagnosis'. On the left is a sidebar menu with 'Status', 'Security', 'DDNS', 'SNTP', 'Port Binding', 'Port Locating', and 'PON Information'. The main content area is titled 'Page Information' and states 'This page provides the function of DDNS parameter(s) configuration.' Below this is a section for 'DDNS' configuration. The 'WAN Connection' is set to 'Auto' and the 'Provider' is 'DynDNS'. The 'DDNS' toggle is set to 'Off'. The 'Provider URL' is 'http://www.dyndns.com'. There are input fields for 'Username', 'Password' (masked with asterisks), and 'Host Name'. 'Apply' and 'Cancel' buttons are at the bottom right.

Status
Security
DDNS
SNTP
Port Binding
Port Locating
PON Information

Page Information
This page provides the function of DDNS parameter(s) configuration.

▼ DDNS

WAN Connection: Auto
Provider: DynDNS
DDNS: On Off
Provider URL: http://www.dyndns.com
Username:
Password:
Host Name:

Apply Cancel

Close DDNS setting at DVR

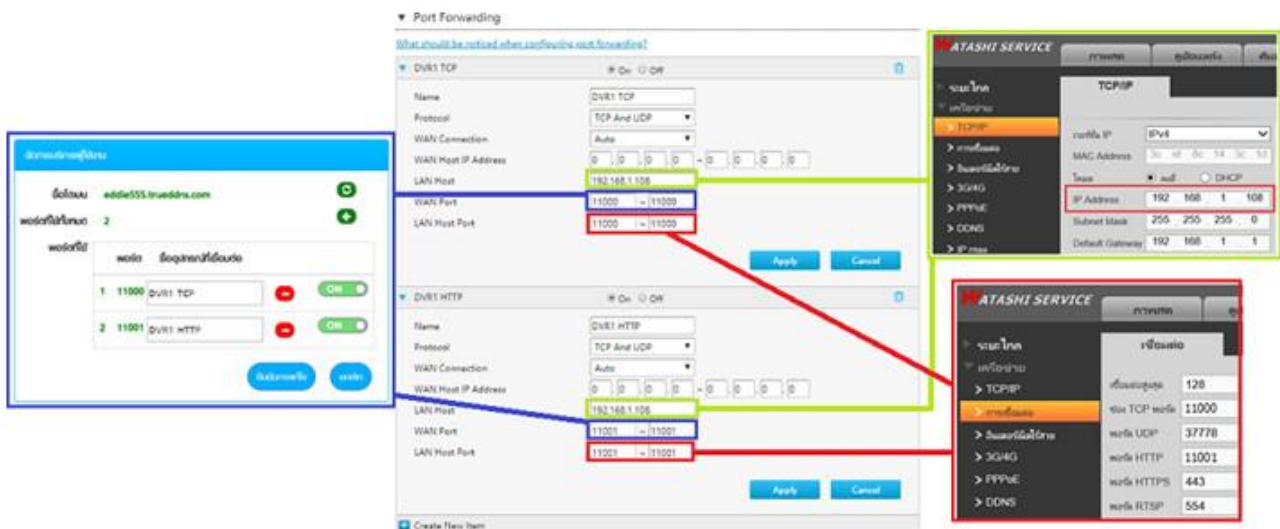
1. Go to Setting > DDNS

2. Remove a check

1. Press Save

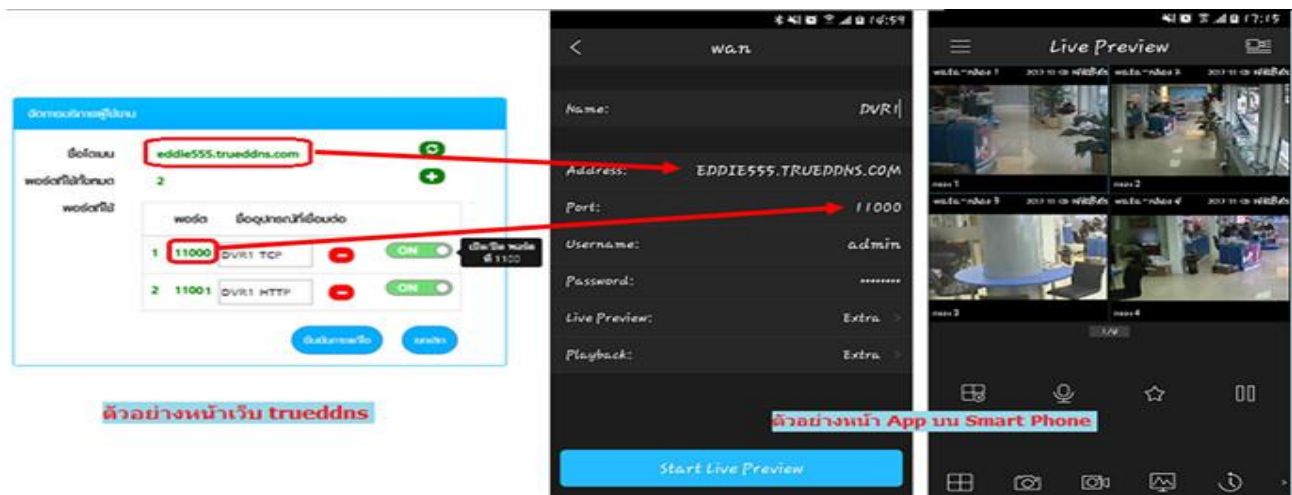


Overall Settings



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

1. Test CCTV App on Smart Phone by using Domain name and Port numbers from True DDNS, 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 camera's Web page

