

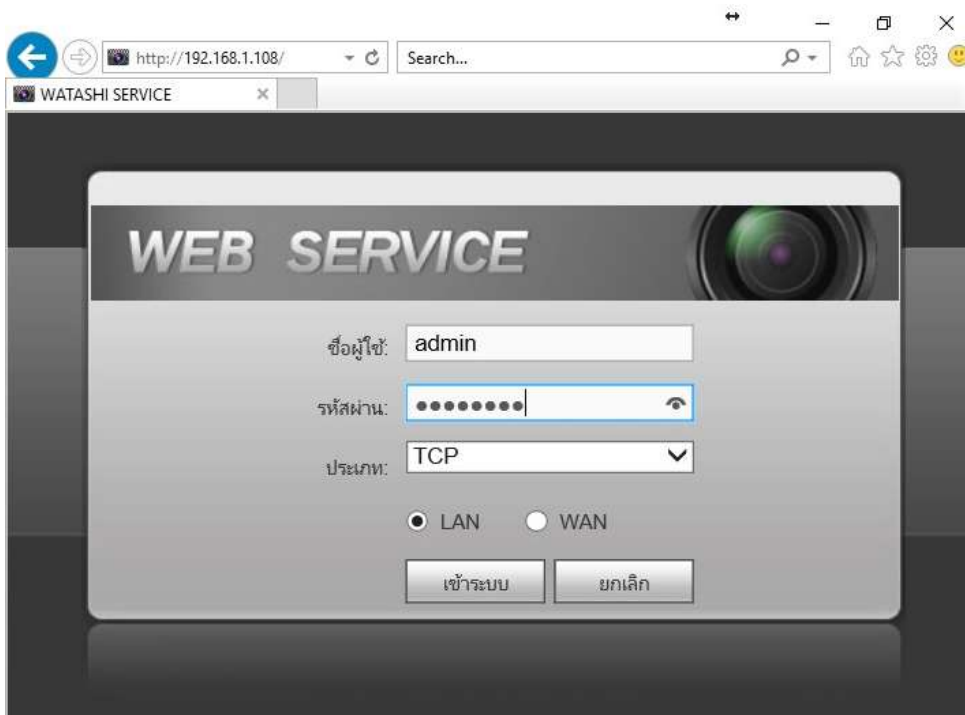
Set up Turbo Speed to use True DDNS with CCTV

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 **Setting > Network > TCP/IP**: IP Address of DVR : **192.168.1.108**



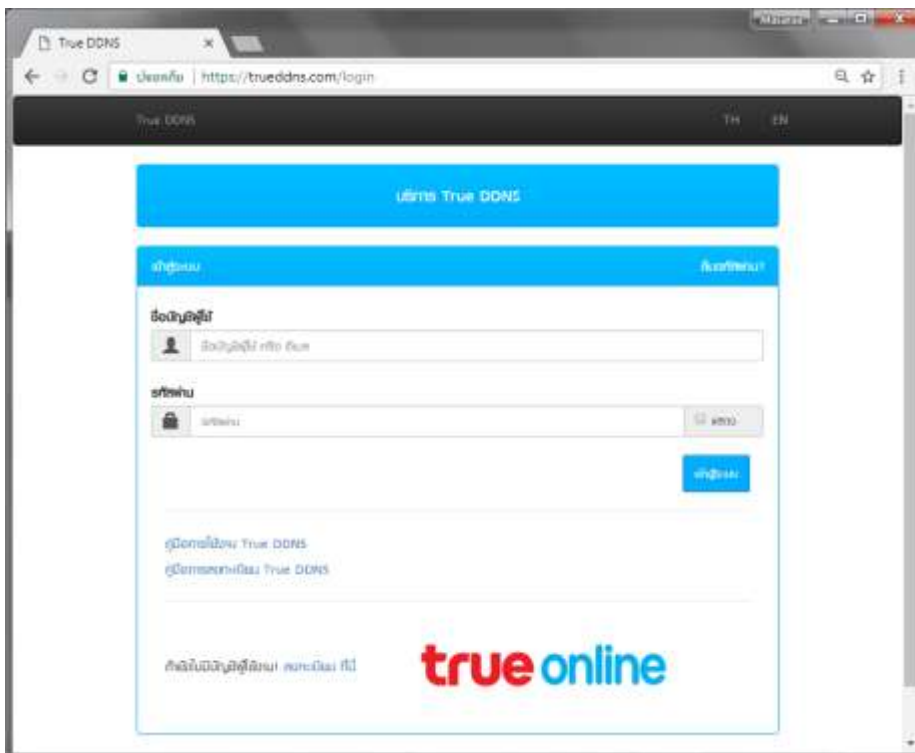
1.3. Check Port, go to Setting > Network > Connection, mostly used Ports :

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



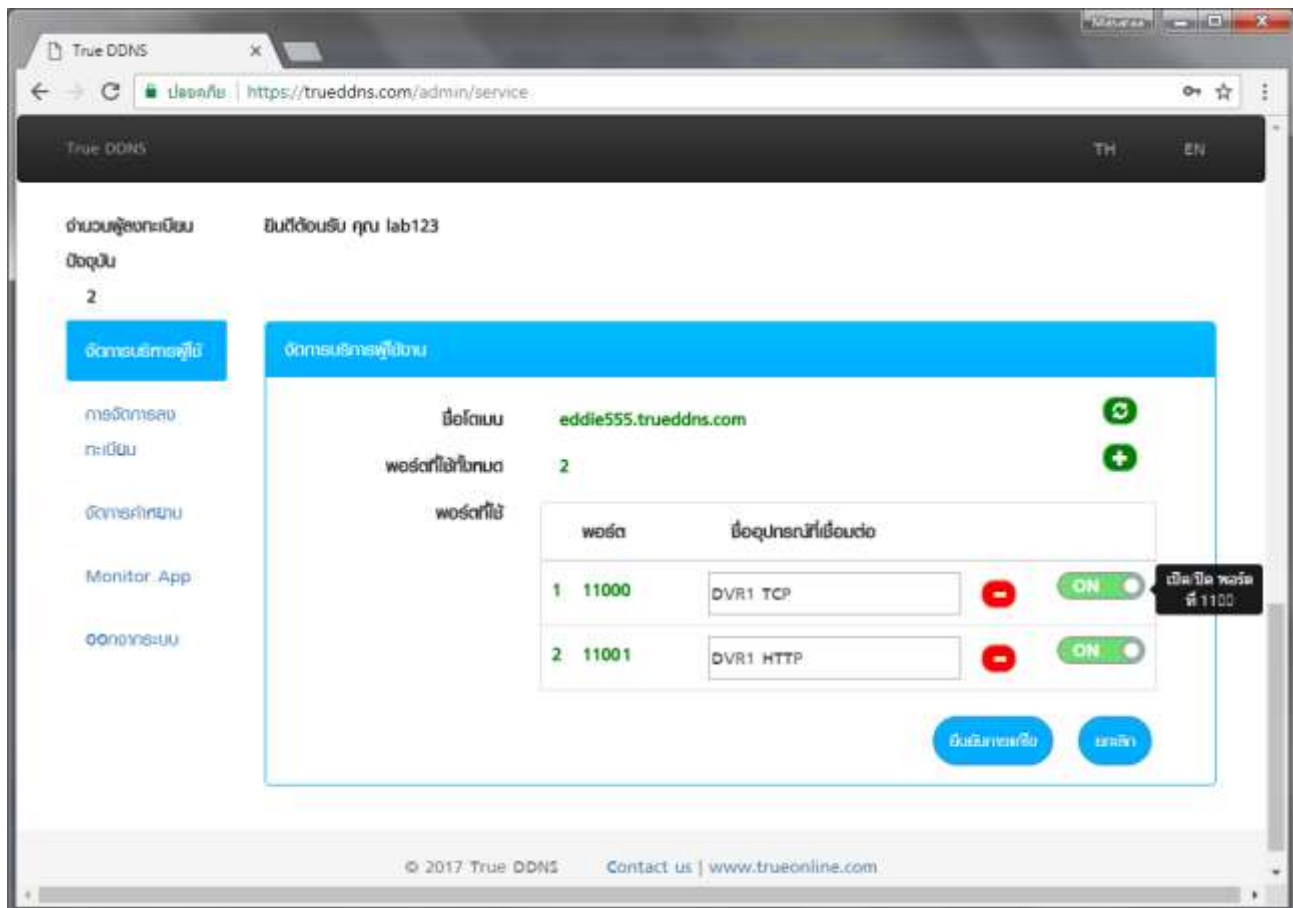
2. Set up TrueDDNS

- 2.1. Type <https://trueddns.com/login> at Browser and then press Enter > Login by using registered Username and password then press **Log in**



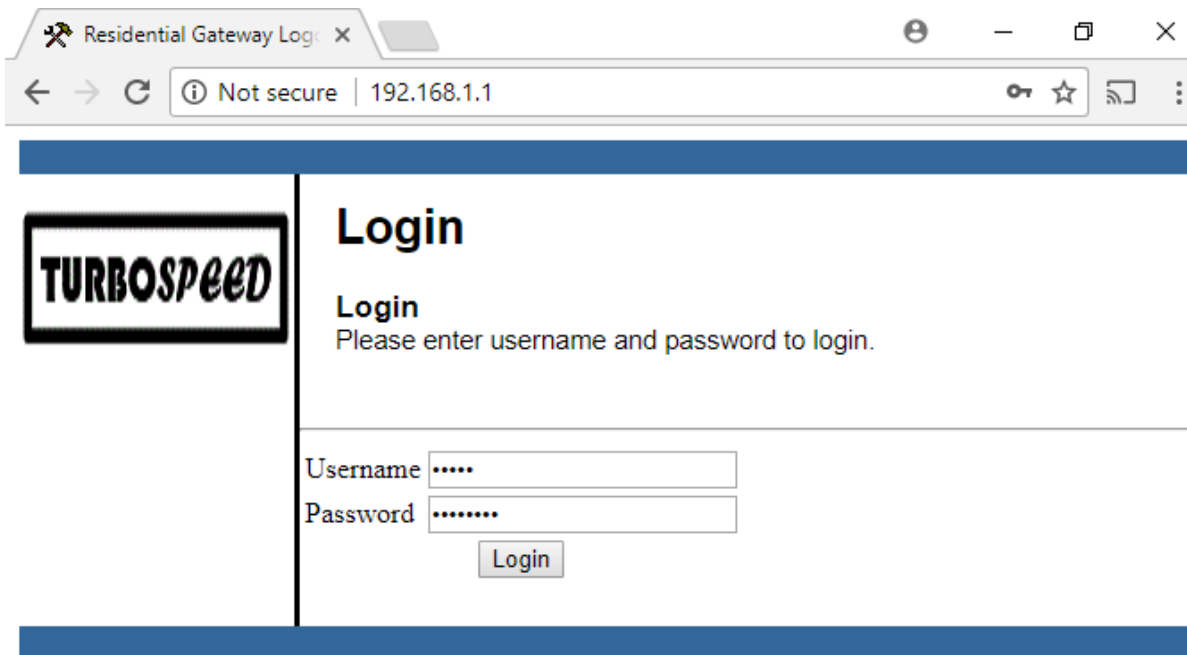
2.2. Select Service Management

- 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 Forwarding at Router

3.1. Type **192.168.1.1** > Username = **admin** , Password = **password** > press **Log In**



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3.2. Advanced > Forwarding > Create IPv4



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3.3. Applications & Gaming > Port Range Forwarding

3.3.1. TCP Port

- Local IP Address : 192.168.1.108
- Local Start Port / Local End Port : 37777
- External IP : 0.0.0.0
- External Start Port / External End Port : 11000
- Protocol : TCP / UDP , if uncertain, choose Both
- Description : DVR1 TCP
- Enabled : On
- Press Apply , setup information will be shown in a table
- Press Create IPv4 again to set up more

Advanced Forwarding

This allows for incoming requests on specific port numbers to reach web servers, FTP servers, mail servers, etc. so they can be accessible from the public internet. A table of commonly used port numbers is also provided.

Local IP: 192.168.1.108
 Local Start Port: 37777
 Local End Port: 37777
 External IP: 0.0.0.0
 External Start Port: 11000
 External End Port: 11000
 Protocol: BOTH
 Description: DVR1 TCP
 Enabled: On

Local IP Address	Local Start Port	Local End Port	External IP Address	External Start Port	External End Port	Protocol	Description	Enabled	Remove All
192.168.1.108	37777	37777	0.0.0.0	11000	11000	BOTH	DVR1 TCP	Yes	Edit Remove

Application Port

Application	Port
HTTP	80
FTP	21
TFTP	69
SMTP	25
POP3	110
NNTP	119
Telnet	23
IRC	184
SNMP	161
Finger	79
Copier	70
Whois	43
Netstat	187
LDAP	389
UUCP	640

Advanced Forwarding

This allows for incoming requests on specific port numbers to reach web servers, FTP servers, mail servers, etc. so they can be accessible from the public internet. A table of commonly used port numbers is also provided.

Create IPv4

Local IP Address	Local Start Port	Local End Port	External IP Address	External Start Port	External End Port	Protocol	Description	Enabled	Remove All
192.168.1.108	37777	37777	0.0.0.0	11000	11000	BOTH	DVR1 TCP	Yes	Edit Remove

Application Port

Application	Port
HTTP	80
FTP	21
TFTP	69
SMTP	25
POP3	110
NNTP	119
Telnet	23
IRC	184
SNMP	161
Finger	79
Copier	70
Whois	43
Netstat	187
LDAP	389
UUCP	640

3.3.2. HTTP Port

- Local IP Address : 192.168.1.108
- Local Start Port / Local End Port : 81
- External IP : 0.0.0.0
- External Start Port / External End Port : 11001
- Protocol : TCP / UDP , if uncertain, choose Both
- Description : DVR1 HTTP
- Enabled : On
- Press Apply

Advanced Forwarding

This allows for incoming requests on specific port numbers to reach web servers, FTP servers, mail servers, etc. so they can be accessible from the public internet. A table of commonly used port numbers is also provided.

Local IP: 1 192.168.1.108
 Local Start Port: 2 81
 Local End Port: 3 81
 External IP: 4 0.0.0.0
 External Start Port: 5 11001
 External End Port: 6 11001
 Protocol: 7 BOTH
 Description: 8 DVR1 HTTP
 Enabled: 9 On

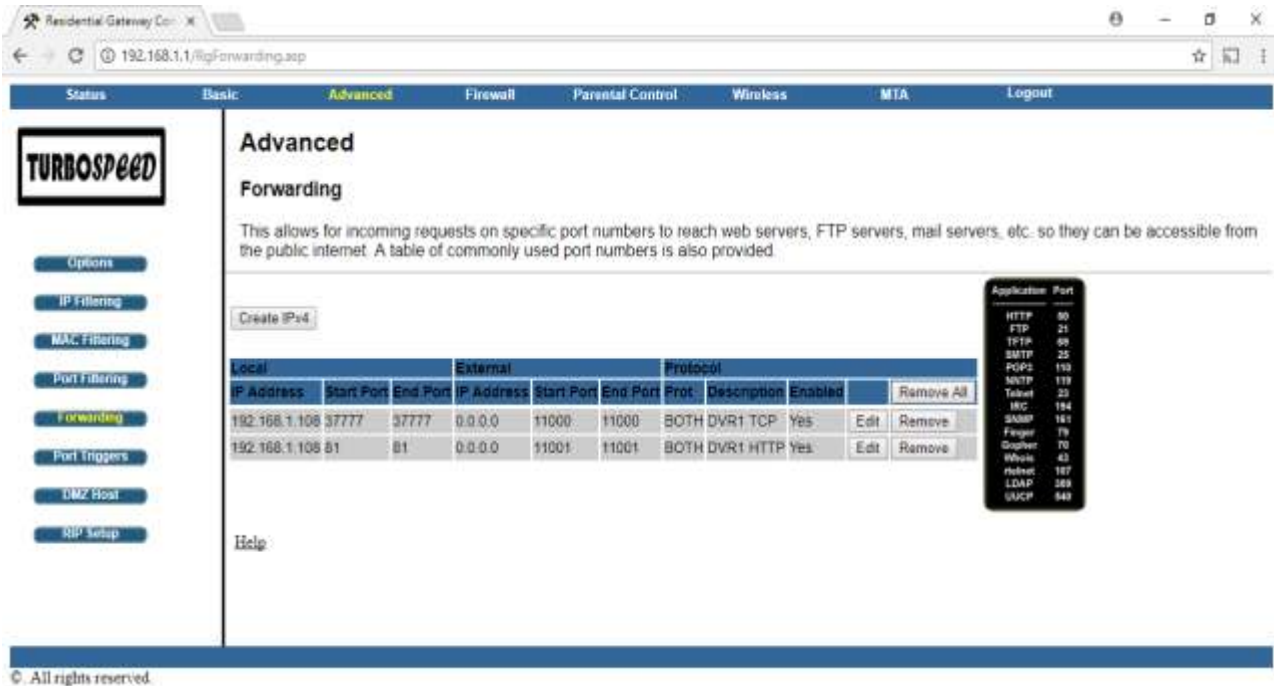
Cancel Apply

Local			External			Protocol			
IP Address	Start Port	End Port	IP Address	Start Port	End Port	Prot	Description	Enabled	Remove All
192.168.1.108	37777	37777	0.0.0.0	11000	11000	BOTH	DVR1 TCP	Yes	Edit Remove

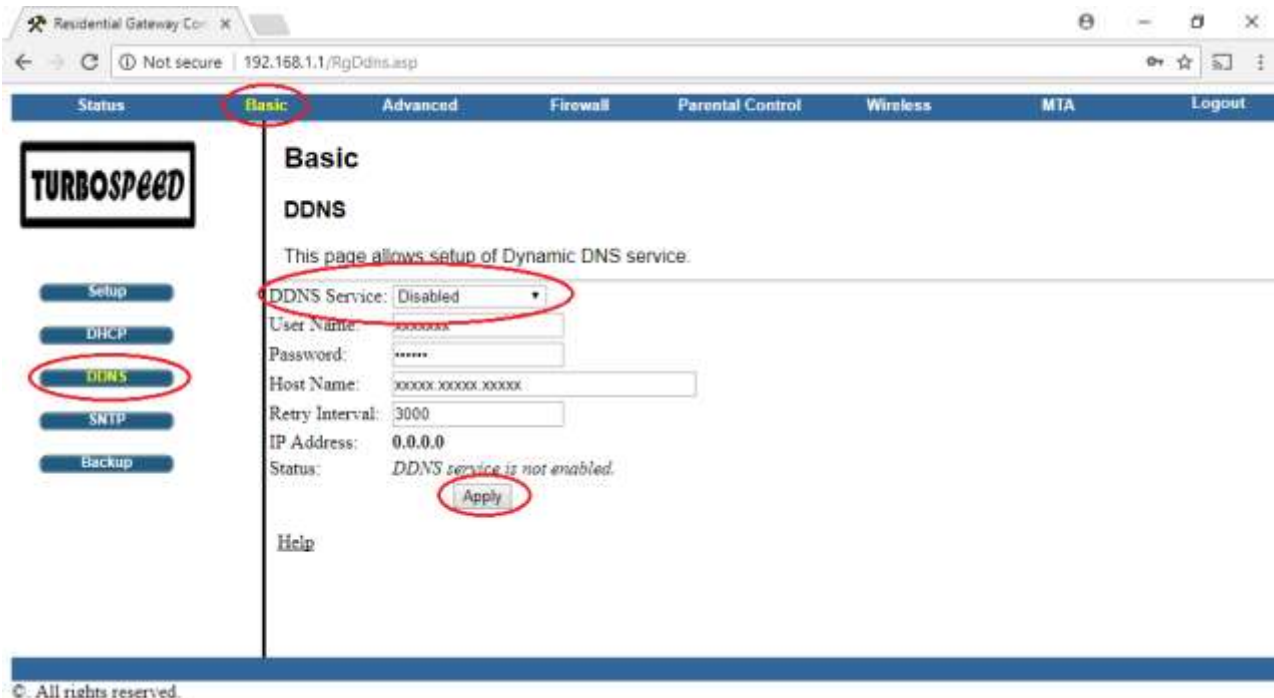
Help

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3.4. When completed, setup information will be shown in a table



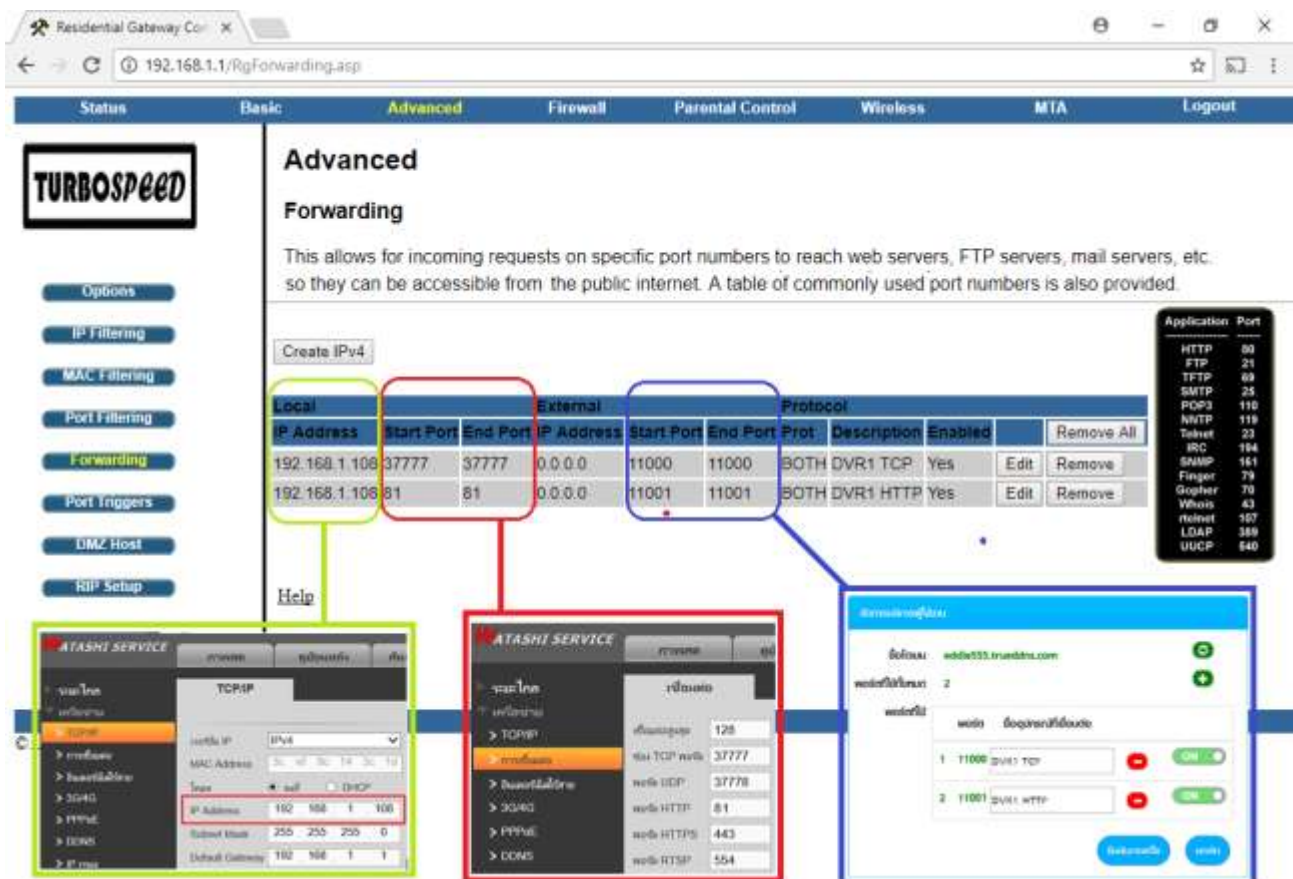
4. Close DDNS setting at Router : Network > DDNS > DDNS Service > Disabled > press **Apply**



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

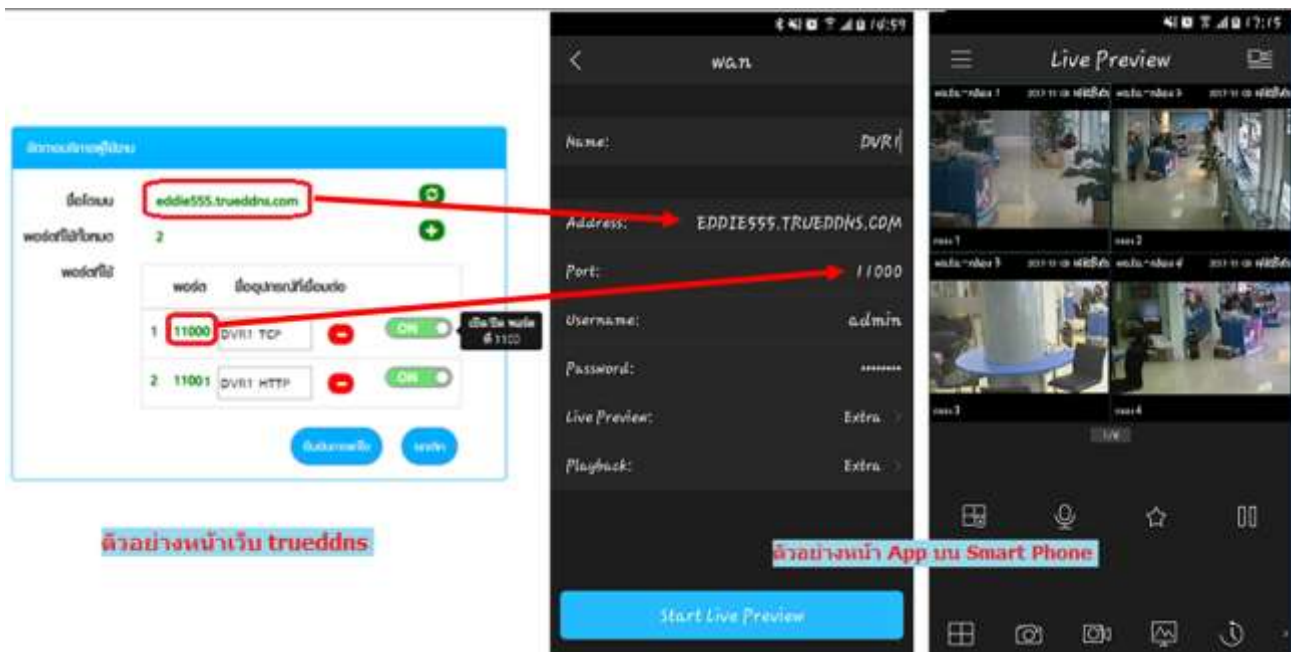


6. Overall settings



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

7.1. 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



7.2. 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

