

How to configure port forwarding in FBR-1461 to view IP Camera?

If you need to view IP camera installed in the LAN of FBR-1461 from the Internet either by your computer or mobile device. You will need to configure Port Forwarding (some devices might call it Virtual Server, Port Mapping). This guide will help you step by step.

1. Please log in the web interface of FBR-1461.

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Status	Status			
Quick Start	Device Information			
Configuration	Model Name	FBR-1461A ADSL2+ Modem Router		
Save Config to FLASH	Host Name 🖸	home.gateway		
	System Up-Time	15 min(s)		
	Current Time 🖸	Sat Jan 1 00:15:32 2000		
	Hardware Version	TRENDCHIP TC3162		
	Software Version	1.35-RC24-1-180_sso_billion		
	Bootrom Version	1.06		
	MAC Address	00:11:6b:52:a2:9e		
	Home URL	LevelOne		_
	LAN			
	IP Address 🖸	192.168.1.254		
	SubNetmask	255.255.255.0		
	DHCP Server 💽	DHCP Server Running		
	WAN			
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2. Click on Configuration  $\rightarrow$  Virtual Server.

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3. Click on "Add".

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4. Please configure as below

Select "User Define" Protocol "Both" Public start and end port are "80" Mapped Private IP address is the IP Address of WCS-2060 (192.168.1.101)

You can use the software in the IP Camera package or IP Cam Secure to locate the IP address of WCS-2060 or IP Camera.

## Mapped private port is "80"

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WAN	Protocol		
System	Public Start Port		
Firewall	Public End Port	80	
QoS	Mapped Private IP Address	192.168.1.101	
Virtual Server	Mapped Private Port	80 (Leave blank or input 0 indicating Virtual Server Service.)	
Advanced	Return Cancel		
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5. Click on "return" once you finish configuration.

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6. Add another entry for RTSP.

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Quick Start	Parameters			
Configuration	Item	2		
LAN	Service select	User Defined 💌		
WAN	Protocol	BOTH -		
System	Public Start Port	654		
Firewall	Public End Port	554		
QoS	Mapped Private IP Address	192.168.1.101		
Virtual Server	Mapped Private Port	554	(Leave blank or input 0 indicating Virtual Server Service.)	
Advanced	Return Cancel			
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- 7. Complete.
- 8. Click on "Apply".
- 9. Click on "Save Configuration" to save all the setting.

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Quick Start	Parameters								
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LAN	•	1	BOTH	80	80	192.168.1.101	80		
WAN	۲	2	BOTH	554	554	192.168.1.101	554		
System		Delete							
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10. You are now able to view the IP Camera with the Public IP Address of FBR-1461 from Internet.



Things to note:

• What about my IP Camera is not WCS-2060?

Please refer to the IP Camera Port Forwarding Reference table for your model.

http://www.level1.tw/level1/faq/IPCam%20Port%20Forwarding%20Reference.xls

Simply add the port number in your Virtual Server configuration Page.

• What about if my public IP address is Dynamic.

You can create a DynDNS account, configure it into your router. Your router will constantly update the IP address information to DynDNS server.

Please refer to

http://www.level1.tw/level1/faq/How%20to%20create%20DynDNS%20account.pdf

- How come I can not view the Video Streaming ?
  - Please make sure your firewall does not block the port you forwarded, eg. Port 80, 554. Or disable your firewall.

- 2. The firewall can be your Windows build in firewall, Anti Virus Firewall eg. Symantec Internet Security, PCCillin Internet Security etc...
- 3. Please make sure you had installed the Active X that is required to view the Video streaming.
- 4. Please make sure your Internet Explorer browser or Plug in tool eg. Google Search Tool does not block the Pop up Windows.

