

# MVC Live Streaming on RUT2xx manual

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## **1. Configuration**

#### 1.1. Making RUT2xx accessible by Internet

- 1.1.1. Open RUT230 WebUI.
- 1.1.2. Make it accessible by WebUI via public IP and enable remote HTTP access. To enable remote HTTP access go System -> Access Control -> General in the middle of the page and select "Enable remote HTTP access"

WebUI					
Enabling remote HT weak or default use	Enabling remote HTTP access or remote HTTPS access makes your device reachable from WAN, this might pose a security risk, especially if you are using a veak or default user password!				
	Enable HTTP access				
	Enable remote HTTP access				
	Port	80			
	Enable remote HTTPS access				
	Port	443			
	Enable JSON RPC	V			

(Before enabling remote HTTP access we strongly recommend to change your default password)

#### **1.2. Creating Port Forwarding rules for MVC camera**

- 1.2.1. Go to Network -> Firewall -> Port Forwarding.
- 1.2.2. Scroll down until you see "New Port Forward Rule".
- 1.2.3. Select name for your rule for easy management.
- 1.2.4. "External port(s)" port number. For example: 22222
- 1.2.5. "Internal IP" IP address of device you want to reach. For example: 192.168.1.10 (IP address of MVC camera)
- 1.2.6. "Internal port(s) port number of end device. For example: 80 (The default port number for HTTP)
- 1.2.7. Press "Add"
- 1.2.8. Press "Save"

New Port Forward Rule					
Name	Protocol	External port (s)	Internal IP	Internal port (s)	
Example	TCP+UDP -	2222	192.168.1.10	80	Add
					Save

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Now MVC camera is accessible by WebUI via public IP. To access it in web browser enter the public IP of the RUT and port number. For example:"84.15.159.277:22222".

Now we need to create port forward rule RTSP client.

- 1.2.9. Select name for easy management.
- 1.2.10. External port(s) the port number which you will be using for RTSP to view live streaming in media player. For example: 33333
- 1.2.11. "Internal IP" IP address of device you want to reach. For example: 192.168.1.10 (IP address of MVC camera)
- 1.2.12. "Internal port(s) port number off end device. For now we need to specify RTSP port number which by default is 8556.
- 1.2.13. Press "Add"
- 1.2.14. Press "Save"

Name	Protocol	External port (s)	Internal IP	Internal port (s)
Example	TCP	33333	192.168.1.10 💌	8556 Add

### **1.3. Using RTSP to watch an stream in iSPY media player**

1.3.1. For this step you need to connect to MVC camera by WebUI via public IP and port number. For example: 84.15.159.227:22222 and copy RTSP URL which can be found in MVC cameras WebUI:

"rtsp://84.15.159.227:8556/PSIA/Streaming/channels/2?videoCodecType=H.264"

- 1.3.2. Connect MVC camera to RUT2xx via LAN.
- 1.3.3. Go to https://www.ispyconnect.com/download.aspx download and install it.
- 1.3.4. Open it and go to ADD -> Other Video Source select "FFMPEG (H264)" and enter the URL code which you copyed:

rtsp://(IP address):(RTSP port)/PSIA/Streaming/channels/2?videoCodecType=H.264



💿 iSpy v6.8.2.0		and a		and the second second	a land	-
File Edit View O	otions Help					
📥 Add	💁 Access Media 🛛 🍕	Grid Views	Commands	Web Settings	Plugins	
Custom Provider: Camera	1					
Video Source						
JPEG URL MJPEG	à URL FFMPEG (H264) VL	C Plugin Local Devi	ce Desktop XIMEA	Kinect ONVIF Custom	Clone	
URL	rtsp://84.15.159.22 <mark>7:85</mark>	56/PSIA/Streaming/ch	hannels/2?vide 🔻			
Analyse Duration ( RTSP Mode	Enter a local path to examples: rtsp://usemame:pase http://usemame:pase c:/your_video_file.mp ns) 2000	a video file or a URL to sword@192.168.1.10/ sword@192.168.1.33/ 94	o a stream. / /videostream.asf			
IP Camera With Wit	zard			Help Adva	anced Cancel O	ĸ

1.3.5. Change port number which from "8556" to the port number you used in 1.2.10 paragarph. For example we used "333333"

☑ iSpy v6.8.2.0
File Edit View Options Help
📥 Add 🗕 Access Media 🕊 Grid Views 💌 Commands 🧕 Web Settings 闄 Plugins
Custom Provider: Camera 1
Image: Source Image: Source
JPEG URL MJPEG URL FFMPEG (H264) VLC Plugin Local Device Desktop XIMEA Kinect ONVIF Custom Clone
URL rtsp://84.15.159.22 7:33333/FSIA/Streaming/channels/2?vid -
Enter a local path to a video file or a URL to a stream.
examples:
rtsp://usemame.password@192.168.1.10/ http://usemame.password@192.168.1.33/videostream.asf c:/your_video_file.mp4 Analyse Duration (ms) 2000
RTSP Mode TCP V
Test
IP Camera With Wizard Cancel OK

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1.3.6. Press "Ok". 1.3.7. Press "Finish"

Now you should see live stream through "iSPY" media player.

