



Camera RTSP Stream List

Affected Roles: Administrator

Related Digital Watchdog VMS Apps: DW Spectrum® IPVMS

Complexity: Low to Medium

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RTSP – Real Time Streaming Protocol

The Real Time Streaming Protocol (RTSP) uses TCP communication for an end-to-end connection between devices. Used in combination with DW Spectrum, an RTSP URL can be utilized to connect a device or camera to a DW Spectrum Server if the device cannot be added through an ONVIF protocol.

This article will list the common RTSP URL document for Digital Watchdog's various camera series.

****INTERNAL:** This article is an internal use resource only as it includes camera models that are no longer fully supported. The URLs provided below are for specific models and older generation cameras.

****NOTE:** Alternative methods of obtaining an RTSP URL would be through ONVIF Device Manager (ODM) or through DW Spectrum (working stream).

Supported/Affected Devices

- DW MEGApix® Series

RTSP URL Address

DW MEGApix (2MP Model-1st Gen)		
Video Stream	Codec	RTSP URL
1st Stream	H.264	rtsp://<IP_Address>/h264
2nd Stream	H.264	rtsp://<IP_Address>:8554/h264
Video Stream	Codec	RTSP URL
1st Stream	MPEG4	rtsp://<IP_Address>/mpeg4
2nd Stream	MPEG4	rtsp://<IP_Address>:8554/mpeg4
Video Stream	Codec	RTSP URL

1st Stream	MJPEG	rtsp://<IP_Address>/mjpeg
2nd Stream	MJPEG	rtsp://<IP_Address>:8554/mjpeg
Video Stream	Codec	HTTP URL for JPEG
1st Stream	JPEG	http://<IP_Address>/image1/jpeg
2nd Stream	JPEG	http://<IP_Address>/image2/jpeg
Video Stream	Codec	RTSP URL
1st Stream	MJPEG	http://<IP_Address>/video1/mjpeg
2nd Stream	MJPEG	http://<IP_Address>/video2/mjpeg

DW MEGApix (2MP Model-2nd Gen / 4MP Model)		
Video Stream	Codec	RTSP URL
1st Stream	H.264	rtsp://<IP_Address>:554/channel1
2nd Stream	H.264	rtsp://<IP_Address>:554/channel2
3rd Stream	MPEG4	rtsp://<IP_Address>:554/channel3 http://<IP_Address>/cgi-bin/video.cgi http://<IP_Address>/cgi-bin/video.cgi?id=1 <multi sensor>

DW MEGApix 1080 Value (DWC-EN672)		
Video Stream	Codec	RTSP URL
1st Stream	H.264	rtsp://<IP_Address>/channel1 (rtsp://admin:admin@<IP_Address>/channel1)
2nd Stream	H.264	rtsp://<IP_Address>/channel2 (rtsp://admin:admin@<IP_Address>/channel2)
Video Stream	Codec	HTTP URL for JPEG
3rd Stream	JPEG	http://<IP_Address>/cgi-bin/video.cgi (rtsp://admin:admin@<IP_Address>/channel3)

DW MEGApix 1080p PANO		
Video Stream	Codec	RTSP URL
1st Stream	H.264	rtsp://<IP_Address>:554/profile/profile01
2nd Stream	H.264	rtsp://<IP_Address>:554/profile/profile02
Video Stream	Codec	HTTP URL for JPEG
2nd Stream	JPEG	http://<IP_Address>/cgi-bin/video.cgi

DW MEGApix 48MP (DWC-PV72M4T)			
Sensor Module	Codec	RTSP URL (1st Stream)	RTSP URL (2nd Stream)
1st Sensor	H.264	rtsp://<IP_Address>/stream1/sensor1/	rtsp://<IP_Address>/stream2/sensor1/
2nd Sensor	H.264	rtsp://<IP_Address>/stream1/sensor2/	rtsp://<IP_Address>/stream2/sensor2/
3rd Sensor	H.264	rtsp://<IP_Address>/stream1/sensor3/	rtsp://<IP_Address>/stream2/sensor3/
4th Sensor	H.264	rtsp://<IP_Address>/stream1/sensor4/	rtsp://<IP_Address>/stream2/sensor4/

DW MEGApix 5MP (DWC-MB950, DWC-MV950)		
Video Stream	Codec	RTSP URL
1st Stream	H.264	rtsp://<IP_Address>/rtpvideo1.sdp
2nd Stream	H.264	rtsp://<IP_Address>/rtpvideo2.sdp
Video Stream	Codec	HTTP URL for JPEG
1st Stream	JPEG	http://<IP_Address>/config/jpeg.cgi

DW MEGApix 5MP Fisheye (DWC-MV85DiA)		
Video Stream	Codec	RTSP URL
1st Stream	H.264	rtsp://<IP_Address>:554/AVStream1_1
2nd Stream	H.264	rtsp://<IP_Address>:554/AVStream1_2
Hidden Stream	JPEG	http://<IP_Address>:80/cgi-bin/GetImage.cgi?USER=admin&PWD=admin&InputNumber=1

DW MEGApix 1080p Value (HIK OEM)-(DWC-MVH2I4WV, DWC-MBH2I4WV)		
Video Stream	Codec	RTSP URL
1st Stream	H.264	rtsp://<IP_Address>:554/Streaming/Channels/101?transportmode=unicast
2nd Stream	H.264	rtsp://<IP_Address>:554/Streaming/Channels/102?transportmode=unicast
Video Stream	Codec	HTTP URL for JPEG
1st Stream	JPEG	http://<IP_Address>/Streaming/Channels/1/picture?snapShotimageType=Jpeg