Streaming Protocols for Luma Recorders

This data sheet is intended to help you set up streaming connections to your Luma Surveillance gear.

**MJPEG Streaming for Luma DVRs and Wirepath IP Cameras**

This is your best option for integrating your DVRs or IP cameras into your control system.

Use http://<IP address of the device>:<web port of the device>/wps-cgi/mjpg/video.cgi?camera=<number>&resolution=640x480&username=<user>&password=<password>

Note that resolution can also be set to 320x240.


**JPEG Image for Luma DVRs and Wirepath IP Cameras**

Use http://<IP address of the device>:<web port of the device>/wps-cgi/jpg/image.cgi?camera=<number>&resolution=640x480&username=<user>&password=<password>

Note that resolution can also be set to 320x240.

**Example:** http://192.168.24.109:86/wps-cgi/jpg/image.cgi?camera=6&resolution=320x240&username=acme&password=_I_forgot

- Using camera=0 gets the JPEG from channel zero (DVR only)
- Defaults: camera=1, resolution=640x480
- The camera parameter is not used with NVRs
- The StreamNum parameter is not supported.

**H-264 Streaming for Wirepath IP Cameras (Not for Luma Recorders)**

If needed, you can use the H-264 protocol.

Use http://<IP address of the device>:<web port of the device>/GetData.cgi?CH=<camera number>&Codec=h264

**Example:** http://127.0.0.1:8001/GetData.cgi?CH=1&Codec=h264

**RTSP Streaming for Luma DVRs**

This is the option of last resort, to be used for various third-party connections.

**URL for RTSP with Authentication**

Use rtsp://<username>:<password>@<IP address of the device>:/Streaming/channels/<channel number>/<stream number>

**Example for channel 14 main stream:** rtsp://admin:password@173.200.91.70:10554/Streaming/channels/1401
**Example for channel 2 sub stream:** rtsp://admin:password@173.200.91.70:10554/Streaming/channels/202

**URL for RTSP without Authentication**

Luma recorders require authentication.