

## 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.

*Example:* `http://192.168.24.109:86/wps-cgi/mjpg/video.cgi?camera=6&resolution=640x480&username=acme&password=pw123`

### 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>:<RTSP port>/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.